Western College

Toledo, Iowa

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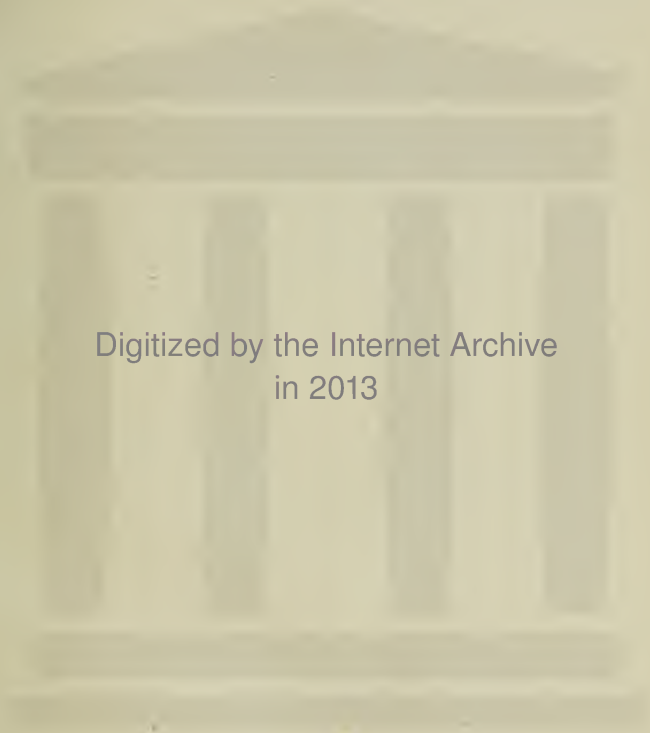
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MAIN BUILDING.

TAMA, IOWA:
THE HERALD PRESS.
1896.

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CATALOGUE

—OF—

WESTERN COLLEGE,

FOR THE YEAR

1895-96.

TOLEDO, IOWA.
PUBLISHED BY THE COLLEGE.
1896.

Calendar.

1896.

Fall Term will begin - - - Wednesday, September 16
Fall Term will end - - - - Wednesday, December 23.

WINTER VACATION, TWO WEEKS.

1897.

Winter Term will begin - - - Wednesday, January 6.
Day of Prayer for Colleges - - - Thursday, January 28.
Winter Term will end - - - - Wednesday, March 24.

SPRING VACATION ONE WEEK

Spring Term will begin - - - - Wednesday, March 31.
Spring Term will end - - - - Thursday, June 17

SUMMER VACATION, THIRTEEN WEEKS

Fall Term will begin - - - Wednesday, September 15
Fall Term will end - - - - Wednesday, December 22

1897.

Baccalaureate Sermon, 10:30 A. M., June 13
Christian Association Anniversary, 8 P M., June 13.
Annual Meeting of Board of Trustees, 10:00 A M., June 14
Anniversary of Literary Societies, 8 P. M., June 14.
Field Day, June 15.
Alumni Meeting, 8 P M., June 15.
Conservatory Commencement, 9:30 A M., June 16
Graduation of Pupils in Oratory, 2 P. M., June 16.
Concert of the Conservatory of Music, 8 P. M., June 16
Commencement, 9:30 A M., June 17.
Annual Concert, 8 P M., June 17.

Corporation.

IOWA CONFERENCE.

REV. M. R. DRURY, A. M., D. D. REV. L. B. HIX
REV. W. I. BEATTY, A. M., D. D.

DES MOINES CONFERENCE.

REV. GEO. MILLER, D. D. REV. L. H. BUFKIN
A. H. SHAMBAUGH,

ROCK RIVER CONFERENCE.

REV. W. M. WEEKLEY. REV. C. WENDLE
D. C. OVERHOLSER,

MINNESOTA CONFERENCE.

REV. M. L. TIBBETTS. REV. D. C. TALBOT
REV. H. C. BACON.

COLORADO CONFERENCE.

REV. J. P. WILSON. REV. A. SCHWIMLEY
SAM'L WILLIAMSON,

WISCONSIN CONFERENCE.

REV. A. J. HOOD. REV. J. H. RICHARDS
THOS. GILLIGHAM,

ALUMNAL ASSOCIATION.

REV. R. L. PURDY, A. B. T. D. WILCOX, B. L
REV. R. E. WILLIAMS, A. M

TRUSTEES AT LARGE.

HON. H. J. STIGER. W. H. WITHINGTON
FRANZ HERTRICH

62247

Officers of the Corporation.

Rev George Miller, D. D.	President
W. A. Smith,	Secretary
S. R. Lichtenwalter,	Treasurer

Executive Committee.

President L. Bookwalter, Chairman.
D. Reamer, Sec.
W. H. Withington,
Hon. W. F. Johnston,
D. McIntyre,
S. R. Lichtenwalter,

Treasurer.

S. R. LICHTENWALTER,

Assistant Treasurer and Book Keeper.

E. F. WARREN, A. M.

Janitor.

T. R. IRONS.

Faculty.

REV. LEWIS BOOKWALTER, A. M., D. D., President,
Professor of Philosophy.

EMANUEL F. WARREN, A. M., Vice-President,
Professor of Mathematics.

ARTHUR GRAY LEONARD, A. M.,
Professor of Natural Science.

EDWARD L. COLEBECK, A. M.,
Professor of Latin and Greek.

MAUD FULKERSON, A. M.,
Professor of Modern Languages.

BENJAMIN F. McCLELLAND, A. M.,
Professor of English Literature and Principal of Preparatory and Normal Departments.

RAYMOND E. BOWER, Ph. B.,
Instructor in Mathematics.

REV. W. I. BEATTY, A. M., D. D.,
Instructor in Biblical History.

AUGUST HALLING,
Director of Conservatory of Music.

ANNA RICHARDS,
Instructor in Elocution and Physical Culture.

FLORA WONSER,
Instructor in Drawing and Painting.

EDGAR U. LOGAN, M. Acc's.,
Principal of College of Commerce.

JOHN H. STAIR,
Instructor in Short Hand, Type Writing and Penmanship.

ARTHUR WARD,
Director of Gymnasium.

D. D. ZILM,
Librarian.

Lecturers.

HON. L. G. KINNE, LL. D.,
Lecturer on Criminal Law and Law of Real Property.

BISHOP E. B. KEPHART, D. D., LL. D.,
Lecturer on Christian Evidences.

GEORGE M. MILLER, A. M.,
Lecturer on Sociology.

BISHOP J. W. HOTT, D. D., LL. D.,
Lecturer on Biblical Antiquities.

W. M. BEARDSHEAR, LL. D.,
Lecturer on Ethics.

HON. E. C. EBERSOLE, A. M., LL. D.,
Lecturer on Constitutional Law.

E. R. SMITH, B. S., M. D.,
Lecturer on Physiology and Hygiene.

General Information.

HISTORICAL.

The first steps toward founding Western College were taken by the Iowa Annual Conference of the church of the United Brethren in Christ, held at Muscatine, in August, 1855. The school was located at Western, Linn County, on February 11, 1856, and was incorporated under the laws of the State in the following month. The College was removed to Toledo in 1881, and the new building was ready for occupancy in September, 1883. On Christmas night of 1889, the main College building, with all its contents, except the library, burned to the ground. The present structure was immediately begun and stands a monument to the liberality of the people of Toledo and the Church, and to the energy of the authorities in charge.

CONTROL.

Western College is controlled by a corporative Board, composed of representatives from the Alumni, six co operative conferences of the United Brethren Church and three trustees at large.

PURPOSE.

While no sectarian principles are sought to be imposed upon the student, a correct moral and Christian character is regarded as a matter of the utmost importance, and all diligence will be employed to secure this very desirable result. The completest liberty is granted to the religious convictions of each individual and denomination. The design is to afford to all who will strive for it, the opportunity of gaining a liberal education, under healthful moral influences.

THE LOCATION

is admitted to be one of the choicest in the Northwest. Toledo is the county seat of Tama county, and is situated on the Chicago & Northwestern railway, about fifty-five miles west of Cedar Rapids and twenty

miles east of Marshalltown. The city is in the midst of a rich agricultural district, which insures prosperous life and permanent growth. The situation is healthful and beautiful, The citizens are intelligent, cultured, and progressive. The business men are public-spirited and accommodating. The moral influence of the community is surpassed by none. The town has city waterworks, electric lights, and an electric street car line connects it with Tama.

MAIN BUILDING.

The main building, one hundred and fifty by eighty feet, three stories and a basement, is one of the best college buildings in the state. Its large and cheerful recitation rooms, four tasteful and beautiful society halls, choice lecture room, admirable arrangement throughout, and its hot water system of heating in every part, adapt it remarkably well to the aid of the teacher as well as to the convenience and profit of the student.

BRIGHT CONSERVATORY OF MUSIC

is tastefully furnished throughout, and takes first rank among buildings of the kind in the state. It is established in memory of Rev. John C. Bright, our first missionary secretary, and one of the first and warmest friends of music and education in the church.

MARY BEATTY HALL

is the fine boarding hall for young ladies, furnished in modern style. It is a very pleasant home near the main building.

DRURY HALL.

Across the street from the College grounds, is the young men's hall and is a well kept and popular hall for rooming and boarding.

THE COLLEGE CHURCH

is a model of architectural excellence and beauty. It has a seating capacity of about one thousand, is provided with lecture and Sunday school rooms, is heated by furnace and lighted with electricity. Its internal arrangement and furniture are universally admired. It is furnished with a pipe organ of excellent quality and tone, which is used by the Conservatory of Music.

THE RAILWAY FACILITIES

are excellent. Parties coming to Toledo from the east, west and south, may take the Chicago & North-Western, or Chicago, Milwaukee & St. Paul to Tama, thence to Toledo, by electric street railway two miles Persons from the north may come on the Toledo & North-Western direct to Toledo.

THREE STANDARD COURSES

leading to the usual degrees are offered in the college—Classical, Philosophical, and scientific; also, a Preparatory, and a Normal or Didactic Course. These afford a wide range of studies. A careful consideration of these, severally, will show a favorable comparison with similar courses of study in the best institutions of the country.

LITERARY SOCIETI

There are connected with the college, under the control of the faculty, six literary societies—Philophronean, Young Men's Institute, Alphanean, Cyclomathean, Young Ladies' Athanæum, and Calliopean; the last two consisting of ladies

The societies are in a flourishing condition. They have four halls, which occupy entirely the third story of the main College building. These are nicely furnished and among the most commodious and tasteful literary halls in the West. In these societies the students may become familiar with parliamentary practice and secure an invaluable discipline in the composition and delivery of literary productions.

LIBRARY.

The college library consists of several thousand volumes. Students have the free use of the library, and will find upon the reading tables a large number of the best daily and weekly papers, besides magazines and reviews.

LECTURES.

During the year lectures are delivered by eminent specialists, on Christian Evidences, Constitutional Law, Biblical Antiquities, Biblical History, Sociology, Ethics and The Home.

ATHLETICS AND PHYSICAL TRAINING.

On the College campus there is a fine field for athletic sport

base ball and foot ball grounds and tennis courts are all that could be desired, affording opportunity for abundant exercise in pleasant weather The gymnasium is well supplied witn modern apparatus, and under a competent instructor has proven very beneficial to the students and the college. This department is managed by the Young Men's Christian Association, under the supervision of the faculty.

Y. M. C. A. AND Y. W. C. A.

Our Young Men's and Young Women's Christian Associations exert important moral and religious influence among our students. They meet weekly in their hall, and all students are invited to become members. They are conducted by the young people themselves in harmony with the college associations of the land.

RELIGIOUS SERVICES

Devotional exercises are conducted in the college chapel every morning except Saturday and Sunday, at 11:45. Attendence is required.

Divine services are conducted every Sabbath at 10:30 by the college pastor in the United Brethern church. All students are required to be present except those who regularly attend elsewhere. Regular services are held also every Sabbath evening.

In the city are five churches all of which cordially invite the attendance of the students.

The students are welcomed in the Sunday Schools, the mid-week church services, and the Young People's Societies of the churches and in the Bible classes and weekly meetings of the Young Men's and Young Women's Christian associations of the College.

EXAMINATIONS.

Public written examinations are held at the close of each term. An examination must be had before a student can receive a standing in his studies. The grade on examination will count one-third and the average recitation grade two-thirds in the term average. A student whose term average is below 65 per cent in any study must repeat the study with another class or take a second examination after further preparation.

COMMENCEMENT.

On the day of Commencement such candidates for graduation as the

Faculty shall have previously approved, shall perform the exercises assigned to them.

The composition of each student for graduation must be ready for criticism by May 10th.

Diplomas shall be signed by the Faculty only after the fee is paid, which is $5 00 for each of the degrees.

ROOMS AND BOARD.

Non-resident students are expected to secure homes at the halls until the rooms are all taken.

Beatty Hall is the college home for girls. The building is a large brick structure and has accommodations for twenty-eight young ladies. The rooms are 12½x15 feet, with closets 3½x7 feet. The rooms are carpeted, thoroughly ventilated, heated with steam and furnished with bedstead, mattress, wire mattress, commode, toilet set, chairs, table and student's lamp. Bedding is also furnished. Students furnish their own towels.

The purpose is to furnish for young ladies, coming from abroad, a home under the best of influences, and at the lowest cost at which it can be afforded. Gentlemen also board at Beatty Hall.

Drury Hall is for young gentlemen where young men room and both gentlemen and ladies board. The rooms at Drury Hall are furnished—students providing towels.

To further reduce expenses some students board themselves.

Many private families open their houses to students, so that abundant accommodations may be secured in town, in style and price to suit the taste of every one. Students rooming in town will be expected to observe the same regulations as those rooming in the College halls. It is always best to secure accommodations through the President before coming to Toledo. In any case, the student upon arrival should call upon the President for information.

GOVERNMENT.

The regulations of the College are few and simple. Students are placed upon their honor and personal responsibility. Special rules are announced from time to time as circumstances may demand.

ADDITIONAL TERMS OF INTEREST.

Half tuition is charged for those taking one study.

In the study of chemistry the student is required to pay for all chemicals used and for all breakages.

All dues are payable each term in advance, and will not be refunded exeept in cases of protracted sickness.

Expenses.

PREPARATORY AND COLLEGE CLASSES.

	FALL TERM.	WINTER TERM.	SPRING TERM.
TUITION.	$13.00	$12.00	$11.00

ROOMS AND BOARD.

Room rent at Beatty Hall, for each student, per week	$.50
Heating at Beatty Hall per week	.25
Table board at Beatty Hall, per week	2.00
Room rent at Drury Hall, for each student, per week	.50
Table board at Drury Hall, per week	1.75

At Drury Hall students furnish their own heat.

Board and room in private families from $2.50 to $3.00.

For rates of tuition in the various adjunct departments, see those departments.

DEPARTMENTS.

THE COLLEGE.

PHILOSOPHY.

Under different names this study extends through the Junior and Senior years, including Psychology, Logic, Ethics, History of Philosophy, Metaphysics, and Æsthetics.

Attention is given to the Relations of Mind and Body, or Physiological Psychology.

Throughout the above course lectures, essays, class discussions, and special investigations, supplement the text books.

RELIGIOUS INSTRUCTION.

Biblical Instruction and Christian Evidence have prominent place.

In the Sophomore year the Bible is a text book.

In the senior year the Evidences of Christianity and the Philosophy of Religion are studied.

POLITICAL SCIENCE.

Instruction is offered in the Constitution of the United States, Civil Government, International Law, History of Civilization, and Political Economy, with special reference to questions in Sociology of interest to Americans. (See also Course in History.)

PHYSICS AND CHEMISTRY.

PHYSICS.—Two terms are devoted to Physics in the Preparatory school, Gage's Elements being used as a text book. During the Fall and Winter terms of the Junior year Physics is required of all scientific students. In this course a study is made of electricity and magnetism, sound, light and heat. This department is supplied with many pieces of apparatus, thus making it possible to illustrate by experiment the subjects treated in the text book.

CHEMISTRY.—The first term is devoted to the study of the fundamental principles of the science. Those elements and their compounds are most fully treated which illustrate chemical changes and the phenomena that accompany them. Remsen is used as a text book.

During the second term's work in Qualitive Analysis, special attention is given to the writing and studying of the reactions as they occur in the daily work in the laboratory.

BIOLOGY AND GEOLOGY.

BIOLOGY.—The course in Biology is designed to furnish a basis for the further study of vegetable and animal life. The course consists of lectures and laboratory work.

BOTANY.—Structural Botany and plant analysis are studied during one term in the Preparatory school. Each student is required to make an herbarium of forty or more plants and has considerable practice in the analysis of plants.

Gray's School and Field is used as a text. During the Spring term of the Sophomore year a course is given in the Histology and Physiology of plants.

ZOOLOGY.—The course in Zoology occupies the Spring term of the Junior year. Orton's Comparative Zoology is the text book.

GEOLOGY.—The course in Geology which is required of all Seniors covers two terms. Dynamical and Structural Geology are first considered and some time is devoted to the study of the rock-forming minerals and in becoming familiar with rock types. The second term is given to Historical Geology. Le Conte's Elements is used as a text book and is supplemented by lectures on certain topics. Special emphasis is laid on

the study of specimens and the student is expected to become acquainted with the common minerals, rocks and fosssils. The museum furnishes material for such study. During the Fall excursions are taken for the purpose of studying the local geology.

Museum.—The collection contains specimens of many of the common rocks, minerals, ores and fossils, and is of special value as a study collection. There is a very full set of specimens representing the massive (Igneous) rocks, including a rare lot from an old volcano in the South Mountain region of Pennsylvania.

The friends of the college are urgently requested to contribute to the museum.

LATIN.

Five years' study of Latin is required in the Classical and Philosophical courses, and three years' study in the Scientific and Literary courses. Two years' elective work is offered in the Classical and Philosophical courses. The preparatory work in this subject extends over three years, the same in all courses.

Four books of Cæsar, six orations of Cicero and six books of Virgil's Æneid constitute the preparatory work; in addition, Jones' Latin Prose Composition is completed. The Latin in the college course includes one term each of Livy, books XXI and XXII; Horace, Odes and Satires; Quintilian, books X and XII; Tacitus, Agricola and Germania; Pliny's Letters and the De Rerum Natura of Lucretius.

GREEK.

The course in Greek includes three terms of preparatory and six terms of college work. In addition to this, provision is made for two years of elective study. Two terms are spent in acquiring the elements of the language and in learning paradigms from the grammar. Anabasis and Jones' Greek Prose Composition complete, with a review of grammar forms and principles, furnish study for two terms. The study of Herodotus includes selections from books IV., VII. and IX., embracing the battles of Marathon, Thermopylæ and Platæa. Homer and Greek poesy receive one term's study; Plato, Eschylus and Sophocles one term each, and Demosthenes and oratory one term.

MATHEMATICS.

The studies in mathematics begin with arithmetic in the sub-preparatory classes. Algebra is studied during the middle year of the preparatory course. In the senior year of the same course plane and solid geometry are completed, particular stress being put upon original work, such as easy theorems and numerical exercises.

The freshmen in all courses study higher algebra in the fall term, and, during the winter and spring terms, plane and sperical trigonometry and surveying. The department is well supplied with choice instruments for field work.

Analytical geometry is required of sophomores in the fall term of the scientific year and is offered as an elective in the other courses. In the winter term of the same year calculus is offered as an elective. In the spring term of the sophomore and junior years of all courses a term's work of elective mathematics is offered. This is open to both sophomores and juniors. From year to year the subject will be changed in order to give as wide a range as possible to those who desire to do special work in mathematics. Analytical geometry and calculus are pre-requisites to this course.

The work in mathematics is completed with a term's work in the practical applications of mathematics to astronomy which is offered as an elective in the winter term of the senior year.

GERMAN.

The aim of the elementary classes in this department is to give the student a thorough knowledge of German grammar, and to enable him to acquire the facility in speaking and reading the German language.

In the advanced classes the works to be studied are chosen largely from the classical period of German Literature though a few modern authors are read.

FIRST YEAR.

First Term.—Joynes-Meissner German Grammar and Reader.

Second Term.—German Grammar and Reader continued. Easy reading.

Third Term.—Storm's Immensee; Heyse's L'Arriabbiata.

SECOND YEAR.

First Term.—Schrakamp's Erzahlungen ans der Deutschen Geschichte. Composition.

Second Term.—Schiller's Wilhelm Tell. Reading at sight. Composition.

Third Term.—Schiller's Glocke and Don Carlos. Reading at sight. Composition.

THIRD YEAR.

First Term.—Lessing's Nathan der Weise. Reading at sight.

Second Term.—Goethe's Hermann und Dorethea and Egmont.

Third Term.—Goethe's Faust, and a study of the Faust Legend.

FRENCH.

The foundation for the course in French is laid in a thorough study of the Grammar. Beyond this the aim is to acquaint the student with the best literature of France. Reading at sight and conversational exercises form an important part of the work.

FIRST YEAR.

First Term.—Houghton's French. By Reading.

Second Term.—Reader completed. Halevy's L'Abbe Constantin.

Third Term.—Modern authors. Racine's Esther.

SECOND YEAR.

First Term.—The Romantic school. Reading from Hugo, Gautier and Coppee.

Second Term.—Classic French. Moliere. Reading at sight.

Third Term.—Classic French. Corneille, Racine. Reading at sight. Prose composition once a week throughout the year.

ENGLISH.

Special attention is given to the study of the English Language and Literature.

In the second term of the sophomore year English, and in the third term American, Literature is taken as a daily study, with careful analysis and characterization of styles. A thorough work in Rhetorie is also completed.

Essays are required throughout the freshman and sophomore years

and orations throughout the junior year of all the courses. By this means it is sought to develop a correct literary taste, literary productivity, and an appreciation of the best literature.

The six literary societies also afford ample and valuable practice in composition and public speaking.

Throughout the junior year of all the courses Literature is offered as an elective study. In this course the authors and subjects studied will be changed from year to year.

HISTORY.

In the first year of the preparatory department a line of history is given, running throughout the year. In the fall term a rapid survey is taken of the history of the United States, followed in the winter and spring terms by a course in ancient and modern history.

In the sophomore year English History is studied with particular reference to tracing the development of civil and religious liberty.

Two terms of elective history are offered in the fall term of the senior year; History of civilization and Modern European History. In this work particular attention will be given to the causes that underlie the movements and progress of humanity. In the winter term of the same year constitutional history is offered as an elective in all the courses, the aim being to ground the student in the history and development of the fundamental principles of self government.

THE PREPARATORY DEPARTMENT.

The preparatory school is under the direct control of the faculty of the college, and aims to prepare the student thoroughly for admission to any of the college courses. Candidates for admission to the preparatory department are expected to have completed the usual common school branches, but for the benefit of those whose preparation in these branches may be deficient classes will be organized in arithmetic and grammar as occasion may demand.

The History of the United States is a required preparatory study to all courses, also Ancient History, which is studied with special attention to Grecian and Roman life and institutions in their bearings on modern civilization; and Modern History with special prominence given to the histories of France and Germany.

The elements of Natnral Science are studied seven terms. It is hoped that, in addition to the knowledge gained, the student will acquire habits of close and accurate observation, and learn how to read God's great Nature-book. The pupil is taught to study things, to discover truth by personal and independent effort.

ALGEBRA is studied three terms, the first term to simple equations, the second to radicals, the third through quadratics; thus laying a good foundation for the further study of mathematics. Special attention is given in the second and third terms to the development of the power of analysis.

GEOMETRY is studied throughout the senior year. In addition to the knowledge of geometrical principles, the student is trained to habits of logical reasoning, and is required to solve a large number of practical problems, and to demonstrate, independently, many theorems.

CIVICS is studied one term; a careful study is made of the principles and growth of our government, state and national. Two terms are devoted to the study of GENERAL HISTORY.

LATIN is studied during the three years. Four books of Cæsar, six orations of Cicero and six books of Virgil are read.

Students preparing for the classical course will elect Greek in the senior year, those preparing for either of the other courses will elect German, each of which is studied one year.

Upon the completion of the preparatory course, a certificate of graduation will be given, which will secure the admission of the student without further examination, to the freshman year of one of the college courses.

Also graduates of accredited high schools will be admitted into the freshman class without examination.

Students wishing admission to any other than the first year will be ranked according to their attainments as shown by examination.

THE NORMAL COURSE.

The Normal course is offered to those preparing to teach, who can not take one of the regular courses. It is designed to meet the wants of a large class who are preparing themselves for public school work, and cannot see their way clear to complete a full college course. The students in this department have all the privileges and advantages of the college, and recite in the same classes with the preparatory and college students, so far as the studies are parallel. The first three years are identical with the Preparatory course.

The work in Didactics and Pedagogy has special reference to the needs of the common school teacher. The History of Education, Art of School Supervision and the Philosophy of Education are studied, giving the student a more extended view of the field of the educator, and preparing him for higher work.

Those completing this course receive a diploma, and the professiona degree Bachelor of Didactics.

Preparatory Course.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FIRST YEAR.	Latin Lessons I. Physical Geography. U. S. History. English Composition.	Latin Lesson II. Physiology. General History. Engligh Composition.	Cæsar I. Civil Government. General History. English Composition.
SECOND YEAR.	Latin—Cæsar II. Algebra I. Physics I. English Composition.	Cæsar III. and Prose Composition. Algebra II. Physics II. English Composition.	Cicero I. Algebra III. Botany I. English Composition.
THIRD YEAR.	Latin—Cicero II. Greek or German. Geometry I. English Composition.	Virgil and Prose Composition. Greek and German. Geometry II English Composition.	Virgil II. Greek or German. Geometry III. English Composition.

Normal Course.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FIRST Y'R	Latin Lessons. Physical Geography. U. S. History. Elocution.	Latin Lessons. Physiology. English I. English Grammar. Arithmetic.	Cæsar I. Civil Government. English II. Arithmetic.
SECOND Y'R	Latin—Cæsar II. Algebra I. Physics I. English Composition.	Cæsar III. and Prose Composition Algebra II. Physics II. General History. English Composition.	Cicero I. Algebra III. Botany I. General History. English Composition.
THIRD Y'R	Latin—Cicero II. German I. Geometry. English Composition.	Virgil I. and Prose Composition. German II. Geometry II. English Composition.	Virgil II. German III. Geometry III. English Composition.
FOURTH Y'R	Logic. Rhetoric. History of Education. Chemistry.	Psychology. English Literature. Pedagogy. Trigonometry.	Ethics. American Literature. Philosophy of Education. Zoology.

Scientific Course.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FRESHMAN.	German. Chemistry I. Algebra IV. Essays.	German. Chemistry II. Trigonometry. Essays.	German. General Biology. Trigonometry and Surveying. Essays.
SOPHOMORE.	German. French. Analytical Geometry. Rhetoric. Bible. Essays.	German, French. Elective { Calculus. / Literature. / English History. } Two required Essays.	German. French. Botany II. Elective { Literature. / Mathamatics } One required Essays.
JUNIOR.	Logic. Physics III. French. Elective { German. / Literature. } One required Orations.	Psychology. Physics IV. French. Elective { German. / Literature. / Pedagogy. } One req'd. Orations.	Ethics. Zoology. French. Elective { German. / Literature. / Political Economy } One req'd Orations.
SENIOR.	History of Philosophy. Geology I. Elective { History of Civilization. / Modern European History. / French. } Two required.	Theistic Belief. Geology II. Elective { Constitutional History. / Mathamatical Astronomy. / French. } Two requd	Sociology. Astronomy. Elective { Physiological Psychology. / International law / French. } One required

Philosophical Course.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FRESHMAN	German. Latin. Algebra IV. Essays.	German. Latin. Trigonometry. Essays.	German. Latin. Trigonometry and Surveying. Essays.
SOPHOMORE.	French. Latin. Rhetoric. Bible. Elective { German. Analytical Geometry. } One required Essays.	French. Literature. Bible. Elective { English History. Calculus. German. Latin. } Two required Essays.	French. Literature. Bible. Elective { German. Latin. Botany II. Mathamatics. } Two required Essays.
JUNIOR.	Logic. Chemistry I. Elective { Latin. German. French. Literature. } Two required Orations.	Psychology. Chemistry II. Elective { Latin. German. French. Literature. Pedagogy. } Two required Orations.	Ethics. Political Economy. Elective { German. Latin. French. Literature. Mathamatics. } Two required Orations.
SENIOR.	History of Philosophy. Geology I. Elective { History of Civilization Physics III. Modern European History. } Two req'd	Theistic Belief. Geology II. Elective { Physics IV. Introduction to Philosophy. Constitutional History. Mathamatical Astronomy. } Two requ'd	Sociology. Astronomy. Elective { International law. Physiological Psychology. Zoology. } One required

Classical Course.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FRESHMAN.	Greek. Latin Algebra IV. Essays	Greek. Latin. Trigonometry. Essays.	Greek. Latin. Trigonometry and Surveying. Essays.
SOPHOMORE.	Greek. Latin. Rhetoric. Bible. Elective { German / Analytical / Geometry } One required Essays.	Greek or Latin. Literature. Bible. Elective { English History. / Calculus. / German. } Two req'd Essays.	Greek or Latin. Literature. Bible. Elective { Botany II. / German. / Mathamatics. } Two requir'd Essays.
JUNIOR.	Logic. Chemistry I. Elective { Greek / Latin / German. French / Literature } Two req'd Orations	Psychology. Chemistry II. Elective { Greek. Latin. / German. Pedagogy. French / Literature. } Two requ'd Orations.	Ethics. Political Economy. Elective { Greek. Latin. / German. / French. / Literature. / Mathamatics. } Two required Orations.
	History of Philosophy. Geology I. Elective { History of Civilization / Physics III / Modern European History } Two req'd	Theistic Belief. Geology II. Elective { Introduction to Philosophy. Physics IV. Constitutional History. / Mathamatical Astronomy. } Two req'd	Sociology. Astronomy. Elective { International law. / Physiological Psychology. / Zoology. } One required

All of the Freshmen will recite five hours per week in each study except the Freshmen of the Scientific Course who will recite but four times per week in Chemistry. Through the other three years of all the courses there will be four recitations in each study except in Bible, in which there will be two recitations per week.

General Statement.

ADMISSION.

Applicants for admission to the college must present satisfactory testimonials of good moral character, and from those who have been members of other colleges, certificates of regular dismissal may be required. The graduates of High Schools and Academies accepted by the Iowa State University, and of such other schools as the Faculty may approve, will be received into the freshman class on proper certificate without examination.

DEGREES.

The degrees of A B., Ph. B , and B. S. are given upon the completion of the corresponding course of study.

MASTER'S DEGREE.

The degree of Master of Arts, Master of Philosophy, and Master of Science, is conferred on candidates of good moral character who, having received the corresponding Bachelor's degree from this or from any college of equal standing, complete one of the courses of study indicated below:

I. One year's study in residence at the college with presentation of thesis.

II. Three year's study *in Absentia* in lines of work approved by the faculty with presentation of thesis and examination at the college.

III. Completion of course in a professional school of approved standing including the presentation of a thesis; such institutions include Medicine, Law and Divinity schools.

Persons whose graduate study is done *in Absentia* and who desire to make application for the Master's degree will communicate with the faculty not later than the first Friday in the spring term of the year in which they would obtain the degree.

Diplomas shall be signed by the Faculty only after the fee is paid, which is $5.00 for each of the degrees.

CONSERVATORY OF MUSIC.

J. C. BRIGHT MEMORIAL.

AUGUST HALLING, DIRECTOR.

Graduate of Chicago College of Vocal and Instrumental Art.

THE CONSERVATORY

affords every advantage for the most thorough study of music in all its branches. It is connected with one of the leading colleges in the west, thereby giving any one who wishes, the opportunity of combining a Musical Course with a full Classical, Scientific, and Literary one.

The Conservatory proper contains practice and recitation rooms, with lecture hall capable of seating one hundred and fifty. It is adjacent to a fine church with a seating capacity of one thousand, and a large two-manuel pipe organ, which is used for organ lessons, practice and recitals.

THE SYSTEM

of teaching embodies the best points of the best methods, with a view of educating the student in as rapid a manner as is compatible with a thorough education.

THE COURSE.

The Piano-Forte Course is divided into three general divisions, viz: Primary, Preparatory, and Conservatory. No definite time can be fixed for completing our course of study. Some pupils progress much more rapidly than others, and thus accomplish in three years what would take others five or six years to complete.

Etudes by Burgmueller, Op. 100. Heller, Op. 16.

McDougal Melody Studies.
Kœhler Op. 50.
Lemoine Op. 37.
Sonatinas by Clementi.
Etudes by Heller from Op. 46, 47, and 48
Lœschorn Op. 65 and 66.
Bertini Op. 29, 32.
Beveus' Velocity studies.
Lœschorn Op. 67.
Wagner's First Lessons.
Mason's Technics.
Bulow's Cramer.
Bach's Inventions.
Moscheles Op. 70.
Czerny's Octave Studies.
Kuleup's Octave Studies.
Clementi Gradus.
Henselt's Etudes Op. 2.
Chopin's Etudes, Op. 10.
Rubenstein's Etudes.

Sonatas by Kuhlan, Haydn, Mozart, Beethoven, and Weber.

THE PIANO-FORTE

embraces such selections from the classical and modern masters as it is possible to study thoroughly, and execute and interpret correctly, in the time necessary for the completion of the course.

Special attention is given to teaching pupils *How to Practice*, for the *quality* of practice is of equal importance with the *quantity*, and the pupils are taught the great advantage of memorizing what they learn and the importance of reading music easily and correctly.

GRADUATE EXAMINATION.

I. The student must show a thorough understanding of the fundamental form of piano touch and piano passages by performing a series of test exercises on the scales, chords, and their arpeggios.

II. The candidate will be expected to perform a certain number of compositions selected from the above course by the examiners, and although not obligatory, the performance of this program *From Memory* is desirable, and will entitle the candidate to a larger number of credits in the rating of the examiners.

III. The candidate shalll read at sight a composition of about the difficulty of Beethoven's C Major Rondo.

IV. The candidate shall transpose a short excerpt to be selected by the examiners.

THEORETIC EXAMINATION.

V. The candidate shall answer in writing certain questions relating to the science and history of Piano-forte playing and Piano-forte literature.

VI. The candidate shall supply, in a piece of music furnished by the examiners, all such marks of expression as would be necessary to indicate an artistic and correct technical performance of the piece in question.

VII. The candidate shall pass an examination in general musical history.

VIII. The candidate shall show a fair knowledge of harmony; the test exercise shall be as follows:

(*a*) A complete table of intervals.

(*b*) A given bass to be worked out in four parts.

(*c*) A given melody to be harmonized in four parts.

(*d*) Modulation to be worked out in four given keys.

PIPE ORGAN.

A good organist can always command a good position, and in many cases the want of a competent player hides the beautiful effects and grandeur of this noble instrument, "The King of Instruments," rightly called.

The organ requires special study, and it is an advantage to the student to be a fair pianist when beginning this study. The course pursued is based on the English style of organ playing, and includes selections from the best German, French, and English styles of organ music. The rudimentary and intermediate courses are founded on Best's edition of Rink's Organ School.

The student is taught correct pedaling, registration, and a course in composition and improvisation.

REED ORGAN.

But few fine performers on the piano are capable of playing the Reed Organ correctly, and thereby injure their reputation as musicians. It is indispensable for a good teacher to understand thoroughly the

method of playing this instrument to the most advantage. A special course is given with a view to teaching this, in which are taught the correct organ touch, the stops and their special effects, and their artistic combinations, and a large selection of organ pieces calculated to bring out the fine qualities of this favorite instrument. The course also includes instruction in the most effective manner of conducting church and Sunday school music.

THE VOICE.

Many voices are seriously injured or ruined through the ignorance of persons undertaking to give vocal instruction who knew absolutely nothing of the mechanism of the voice or its capabilities.

Voice training and singing under a scientific master will bring about a healthy action and development of muscles otherwise unused.

The Director will be pleased to explain his method and examine voices free of charge, provided time can be arranged suitable to both parties. His method, which consists of the natural building up of the voice, is known as the Italian Method.

VIOLIN, GUITAR, ORCHESTRAL AND BAND INSTRUMENTS.

These instruments are taught by teachers of ability and successful experience.

Special rooms are provided for practice on these instruments.

The course consists of four grades, beginning with the elementary principles of notation, construction, and proper use of the instrument. The exercises, studies, recreation, etc., are selected in graded order from the violin methods of Campagnoli, Mertz, Alard, Weiz, Vanhafe, Pleyel, Kayser, Mazas, Ries, etc.

In the advanced grades the studies of Correlli, Spohr, Viotti, Kalliwoda, Rode, Fiorilla, Hauptmann, and others are pursued. Advanced students have frequent opportunities of playing in the recitals and public concerts of the Conservatory.

HARMONY, COUNTERPOINT, ETC,

Private lessons a specialty.

The subject of Harmony should go hand in hand with that of any

instrument, or the voice. This study receives special attention in the Conservatory and is of the greatest importance. To those who intend taking up music as a profession it is essential that they should have a good knowledge of harmony and counterpoint, and it would be advisable for them to take private lessons in this branch. To the other students in music the Faculty cannot too strongly impress on them the necessity of taking this study in conjunction with their others.

CHORUS CLASS

(For practice of choral music, the oratorios, operas, etc.)

A class in chorus singing meets once a week during the term, and affords good opportunities to the student to become acquainted with some of the best classical and modern choral works.

ADMISSION, TUITION, FEES, ETC.

Students will be entered at any time, and their term commences with their first lesson.

Tuition fees are payable invariably in advance for the whole term, and students are expected to pay their bills and get their receipt before receiving their first lessons.

Sheet music and music books are supplied by the Conservatory at the professional discount.

All lessons half hour.

	FALL TERM.	WINTER TERM.	SPRING TERM.
Piano, Reed Organ, Harmony—			
Private	$16 80	$13 20	$13.20
Voice Culture	21.00	16.50	16.50
Pipe Organ	10.50		
Harmony in Class	4.50	3.00	3.00
Musical History in Class	4.50	3.00	3.00
Piano or Organ Practice, 1 hour daily, per term.	4.00	2.50	2.50
Chorus Class	2.50	1.50	1 50

Violln, Guitar, etc., fees as arranged by professor.

GRADUATION.

Diplomas are awarded in every department of study when merited

by the pupil. They are not awarded for any particular number of years of study, but for what the pupil KNOWS. In all cases the awarding committee consists of the director, the assistant examiner, and the professor of the branch of study for which the diploma is awarded.

The fee for diploma is $5 00.

COLLEGE OF COMMERCE.

The practical value of a sound, comprehensive business education cannot be overrated. In importance, it ranks with any training and should be coupled with them all. To be able to write a rapid business hand, to be prepared to construct a concise, intelligent business communication, to be qualified to adjust complicated business transactions, to understand the principles of law governing all kinds of commercial instruments and to possess the ability to dispatch with rapidity and accuracy the most intricate business computations, are qualifications of the highest importance and are the undisputed provinces of a well equipped commercial school.

The course is as follows: In the beginning every student is given $5000.00, and transacts business on the same principles as any one entering into business in real business life, by opening an account with the bank, renting his store, buying his stock of goods, etc. This work is so arranged that every transaction is explained in the guide, so that the dullest student sees clearly just what is to be done without the least hesitency.

After working sets in the general Jobbing, Wood and Coal, Hay and Grain, Grocery and Furniture Business, the student then takes up the work in the following, which are in the

in which he enters into business first as proprietor of a small store with a cash capital of $1,000. After finishing the transactions indicated in the "Guide," he closes this set, known as "Set A," makes out his statements, and sends all his books and papers in for examination. If correct, he begins at once on "Set B," in which he organizes a business firm of two partners, himself investing $500 in cash, and real estate valued at $8,000; his partner invests in cash $500, and Western College Railroad stock $5,000. Before closing the set, his real estate and railroad stock being converted into cash, he has a capital of $15,000.

Thus the work advances in a carefully graded system through the three sets,—"C," "D," and "E,"—which follow. These sets are different in their forms, so as to give the student an opportunity to familiarize himself with various methods of keeping accounts.

A "price list" which is changed every morning, governs the student in all his purchases and sales. Throughout this department dealings are arranged with all the offices named below.

Set "A" includes Day Book, Journal, Cash Book, Ledger and auxiliary books, which are used in all the sets as Banking Ledger, Trial Balance, Bill Book, Check, Note and Draft Books.

Set "B" includes Journal, Day Book, Cash Book and Ledger.

Set "C", Sales Book, Invoice Book, Cash Ledger and Journal.

Set "D" is a special column Journal and Ledger, condensing set "C" into two books.

Set "E" combines all the transactions into one book called the Complete Account Book.

After completing the above the student is allowed the privilege of keeping the books in the different offices of the

SENIOR PRACTICAL DEPARTMENT.

WHOLESALE HOUSES.

We have two wholesale houses which enlarge our scope of trade. Here all articles of trade are bought and sold either in large or small quantities. The goods are ordered by letter sent through our college post office. The bill of the goods is returned through the same. The

settlement is made by buying a bank draft at the bank and remitting the same through the post office, the goods being received at the freight office.

BANK.

Here the student performs the duties of teller, discount and collection clerk, cashier and bookkeeper.

Business transactions of all kinds are carried on the same as in actual business. Money is received on deposit; checks are paid; bank drafts issued; notes discounted and collected, etc.

The books, sixteen in number, are made especially for banking purposes, prepared at great expense.

COMMISSION HOUSE.

Here he receives invoices, consignments, and shipments, buys and sells on joint account and commission, makes statements, renders returns and settles all claims. In this office we have a set of books made especially for our use.

The branches that students are required to have grades in before completing the course are:

COMMERCIAL LAW.

As a branch of study in the Commercial Course, Commercial Law embraces such statutes as relate to the transaction of ordinary business. Whoever does business of any kind, either for himself or for others, should have sufficient knowledge to enable him to do it legally. Ignorance of law is no excuse for omission, or breach of contract; every one is supposed to know the law. For lack of such knowledge, men often make mistakes, which not only cause great embarrassment and delay, but envolve expense and serious loss.

BUSINESS ARITHMETIC.

This branch receives that attention which its importance demands, and is taught with that special object in view. Drills in *rapid calculation* are given and the most practical methods are employed throughout the work.

BUSINESS CORRESPONDENCE.

Nothing exposes one's ignorance more than his correspondence or exhibits his abilities so well. A well written letter is of itself a first class recommendation.

BUSINESS PENMANSHIP.

That good plain writing is the essential element of a business education is questioned by none Thorough instruction is given in this branch by an experienced teacher of penmanship The latest forms and methods are used.

GRAMMAR AND SPELLING

are given due attention. Two terms' work in Grammar are required before completing the course.

EXPENSES AND GENERAL INFORMATION.

The tuition for full course in Commercial is $30.00, when paid in advance. When paid in installments, it is $12.00 for the first section and $10.00 for each of the others making a total of $32.00

The books cost about $8.00. The time for the average student is about six months, although some complete the course in less time. All the general work is done by individual instruction.

Regular classes are conducted In the above branches throughout the year. New classes are formed each term or oftener if the case requires.

Other information will be given by addressing the Principal.

SHORT HAND.

"To save time is to lengthen life," is a trite saying universally acknowledged. Not only does shorthand save time, it also saves nervous irritation, the wear and tear inseperable from the tedious plodding and drudgery of longhand writing. As a mere accomplishment, Phonography is by no means to be neglected. If you should never make an hour's practical use of it in your life, it is still worth studying for its own sake. The ability to write 100 words per minute from dictation may be acquired by any intelligent young man or woman in the course of a few months' diligent practice, and this, with the ability to make a correct and intelligent transcript of notes, so written, upon the type-writer, is a

guaranty against enforced idleness and an assurance of honorable independence. In this way Phonography may become a stepping stone in your business career.

TYPE WRITING.

Operators on typewriters should understand the mechanism and the proper care of the instruments, the proper touch of the keys, the best method of using the fingers, so as to secure the greatest speed, the proper capitalization and paragraphing—in short, a hundred little matters that cannot be understood unless under the supervision of a skillful operator of this wonderfully useful machine. Typewriting is so rapidly taking the place of script, that the skillful use of the typewriter is a necessity in this age of business activity.

The letters are dictated and the student takes them in shorthand, transcribes them on the typewriter, and hands them in for correction.

We use the Remington No. 6 Typewriters in all our Departments.

EXPENSES.

Shorthand and Typewriting, Theory, Dictation, Phrasing, Practical Work in Letter Writing, Business Forms and Reporting.

One Term	$ 25.00
Two Terms	40 00
Three Terms	45.00

The time necessary to complete the course varies Each student is allowed to advance as rapidly as his ability will permit.

DIPLOMA.

Before obtaining a Diploma from the Shorthand and Typewriting Department, the student must obtain an average of 90 per cent in Spelling, Business Forms, Business Letters, Practical Office Work, Arithmetic, Commercial Law, Grammar,—(High school grades taken), and must be able to take dictation from new matter at a rate of 100 words per minute, and the notes must be translated correctly on the typewriter at the rate of thirty words per minute.

BUSINESS PENMANSHIP.

Our aim is to have our students write a plain, rapid business hand,

and we are pleased to say that the ability to do this is within the reach of all. None need say that this ability is a special gift, it is something acquired by intelligent, careful practice, and any student who will follow our instructions carefully during the writing hour will, without a doubt, become a fine business penman.

ARTISTIC PENMANSHIP.

Students who desire a special course in Artistic Penmanship may have it. We do work that would please the eye of the keenest critic. Our course in Freehand Pen Drawing is under an instructor whose work will stand the criticism of any penman.

Other information will be given by addressing the principal of this department.

DEPARTMENT OF ORATORY AND PHYSICAL CULTURE.

This department aims to give a rounded development, to cultivate harmoniously the body, mind and soul, and to enable the student to use the full measure of his powers before an audience.

The method used is that of the Columbia School of Oratory of Chicago. The work is approached from the mind side. No mechanics are used. Thus the individuality of the pupil is preserved and a natural style is the result.

The design of Physical Culture as taught in this department is the correction of wrong habits of sitting, standing and walking, and the acquirement of health, strength and grace. The exercises are simple and require no apparatus. They rapidly strengthen the nerve centers and vital organs and at the same time develop grace and muscular strength.

The work of this department is designed to supplement that of the college proper by enabling the student to put into practical use the material gained in his college course. The following course has been mapped out:

JUNIOR YEAR.

FALL TERM.

PHYSICAL CULTURE—Physical Examination (on entering) Physical culture and gesture drill with special reference to Accuracy, Symmetry and Health. Lectures on Food, Exercise, Dress, Etc.

VOICE CULTURE —Tone Direction, Articulation, Ear Training. Resonance.

LITERARY INTERPRETATION.—Psychological Development of Expression, Vol. I. Thought Conception, Egotistic Emotion, Directness, Assimilation. Literary Analysis of Selections to be rendered in class. Practice Recitals.

WINTER TERM.

PHYSICAL CULTURE.—Physical Culture and Gesture. Drill with special reference to Grace and Poise. Applied Gesture.

VOICE CULTURE.—Resonance, Flexibility, Expressiveness, Ear Training.

LITERARY INTERPRETATION.—Psychological Development of Expression, Vol. II. Vividness of Conception, Altruistic Emotion, Commanding the Attention of the Audience, Vigor, Literary Analysis, Sight Reading, Practice Recitals.

SPRING TERM.

PHYSICAL CULTURE.—Physical Culture and Gesture Drill with special reference to Unity. Applied Gesture.

VOICE CULTURE.—Form, Resonance, Training the Ear to Detect Thought, Values, Expressiveness, Volume.

LITERARY INTERPRETATION.—Psychological Development of Expression, Vol. III. Relative Thought Values, Aesthetic Emotion. Purpose, Psychophysical Response, Literary Analysis, Sight Reading. Practice Recitals.

SENIOR YEAR.

FALL TERM.

PHYSICAL CULTURE.—Physical Culture and Gesture Drill, with special reference to Grace and Expression.

VOICE CULTURE.—Advanced Exercises and Requirements.

LITERARY INTERPRETATION.—Shakespeare; Analysis of Play and Dramatic Presentation. Practice Recitals.

WINTER TERM.

PHYSICAL CULTURE.—Physical Culture and Gesture Drill.

VOICE CULTURE.—Advanced Exercises and Requirements.

LITERARY INTERPRETATION.—Drill on selections from Great Orators. Study of their lives and times, Extemporaneous Speaking, Practice Recitals.

SPRING TERM.

PHYSICAL CULTURE.—and Gesture Drill.

VOICE CULTURE.— Advanced Exercises and Requirements.

LITERARY INTERPRETATION.—Oratory, Extemporaneous Speaking, Bible and Hymn Reading, Practice Recitals.

A knowledge of English Composition, Rhetoric, Literature and Physiology will be required for graduation.

Students will be required to appear at public recitals at such times as shall be indicated by the teacher. A graduating recital is required of each one finishing the course.

Those completing the course in a satisfactory manner will be granted a diploma of graduation.

Students in this department are subject to the same regulations as in the college proper.

Any student may take this work in class or individually, but no student will be permitted to overburden himself with work.

Besides the work in the regular course, classes will be organized whenever a sufficient number of student so desire. Private lessons a specialty

EXPENSES.

Class lessons, Daily.

ALL TERM.	WINTER TERM.	SPRING TERM.
$10.00	$8.00	$8.00

Single private lessons.....$ 1.00

Course of 20 private lessons..... 15.00

Department of Art.

The instruction in this department is designed to educate the mind to the principles of Art, and to train the eye and hand to its practice. The instruction will include the study of Form, Proportion, Light and Shade, Color and Perspective. The full course embraces three years' work, but students will be promoted as fast as their ability and accomplishments warrant. Those who have had the advantages of instruction will be promoted to that stage of work for which they are fitted.

The Studio is well furnished with plaster casts from the antique, casts of fruits and flowers, geometrical models, outline and shaded studies for drawing from the "flat," and selected studies for painting in Oil, China, or Water Colors, Pastel, and Crayon Drawing.

The work of the students will not be taken from the studio until the close of the year. An exhibition of work done in the studio will be held during commencement week.

Course of Instruction.

FORM—FREE-HAND OUTLINES FROM THE "FLAT."

1. Geometrical and Conventional Forms, 2. Ornament, Foliage. 3. Animal Forms, Human Figures.

PROPORTION—FREE-HAND OUTLINES FROM THE "ROUND."

1. Geometrical Solids. 2. Plaster Casts, Geometrical Figures.

LIGHT AND SHADE.

1. Drawing and Shading from Geometrical Models. 2. Drawing and Shading from Plaster Casts of Fruit, Flowers, Hands, Feet, Faces, and from Casts of Antique Busts.

PERSPECTIVE—CRAYON DRAWING.

1. Portraits. 2. Landscapes. 3. Shaded Drawings from Casts.

WATER COLOR PAINTING AND PASTEL.

1. Landscapes. 2. Fruit, Flowers. 3. Still Life from Objects 4. Portraits.

OIL PAINTING.

1. From Plaster Casts in Monocrome. 2. Landscape, Fruit and Flowers from Copy and from Nature. 3. Still Life from Objects.

CHINA PAINTING.

1. Outline designs on Tiles. 2. Conventional Patterns and Naturalistic Designs. 3. Decoration of Tableware.

TUITION.

Portrait Painting, per twenty lessons, three hours each..... 15 00
Painting in oil or water colors, per twenty lessons..... 10 00
Crayon Drawing, per twenty lessons 8 00
Pencil Drawing (lessons one hour and a half,) per twenty lessons. 2 00

Students.

Seniors.

Bookwalter, Alfred Guetner	Classical	Toledo

Juniors.

Berger, Edward Bowman	Literary	Toledo
Bomgardner, Milton Moses	Scientific	Orangeville, Illinois
Drury, Philo Walker	Classical	Dayton, Ohio
Foster, John Elden	Classical	Toledo

Lichty, John N.	Scientific	Toledo
Porter, George Wesley	Philosophical	Scottdale, Penn.
Runkle, Herman A.	Classical	Lisbon
Smith, Lucie	Philosophical	Toledo
Schoolcraft, Bessie	Philosophical	Toledo

Sophomores.

Bookwalter, Ethel	Philosophical	Toledo
Browning, Anna	Scientific	Telford, Tenn.
Coddington, John W.	Classical	Princeton, Ill.
Draper, William H.	Philosophical	Conrad
Field, Frank Edson	Classical	Dover, Ill.
Graham, Laura	Scientific	Shueyville
Holstead, Grace	Classical	Toledo
Harrison, Alice	Literary	Toledo
Mathern Albert	Scientific	Garwin
Mills Myrtle	Philosophical	Tama
Soth, Lauren W.	Philosophical	Toledo
Wolpert, Louise	Classical	Denver, Col.
Ward, Edwin Beecher	Classical	Odon, Ind.
Ward, Charles Fry	Classical	Odon, Ind.

Freshmen.

Brecht, William	Philosophical	Garwin
Beal, Mamie	Philosophical	Toledo
Boyle, Leota	Scientific	Toledo
Bielby Bell	Scientific	Toledo
Conley, Alta	Scientific	Toledo
Deal, Claude Stanton	Scientific	Kent, Minn.
Gageby, Frank A.	Classical	Tama
Griffith, Parker Cuson	Classical	West Union
Harrison, Marguerite Emily	Scientific	Toledo
Harrigan, James Corneal	Philosophical	Toledo
Kemp, Malcolm Edwin	Scientific	Toledo
Long, Frank Kelso	Scientific	Whitten
Markee, Winifred	Scientific	Toledo

McIntire, Myrtle	Philosophical	Toledo
Mericle, Clarence Bert	Scientific	Toledo
Maxwell, Frank	Classical	Toledo
Nevins, William	Philosophical	Toledo
Nisewonder, John Daniel	Classical	Mason and Dixon, Penn.
Patterson, Alice	Philosophical	Elkader
Reichman Luella	Scientific	Toledo
Reichman, Louise	Scientific	Toledo
Smith, James Candee	Classical	Toledo
Sullivan, William Charles	Classical	Toledo
Underwood, John H.	Classical	Blue Mound, Ill.
Wild, Myrtle	Scientific	Toledo
Williams, Blanche	Scientific	Gladbrook
Warren, Lillian Enola	Scientific	Toledo
Wohlford, Lydia C.	Philosophical	Orangeville, Ill.

Senior Preparatory.

Akin, Angie Eliza	Toledo
Arble, Irene F.	Toledo
Berger, William Frank	Toledo
Berger, Charles Emmett	Toledo
Berger, Arthur Americus	Toledo
Benson, Ernest Allen	Gladbrook
Bowman, Lynn	Harrisonburg, Va.
Brittain, David	Winterset
Burns, Lillian Lenora	Toledo
Donot, Walter Scott	Toledo
Griffith, Bessie	West Union
Hedges, Ernest Milton	Colo
Hart, William Wallace	Toledo
Lichtenwalter, Elgin Bruce	Toledo
Lupton, John Lawrence	Toledo
Meyers, Carrie	Lisbon
Sharp, Perry Alfred	Eau Clare, Mich.
Sullivan, Madge	Toledo

Tarwater, Arthur Bosworth	Inskip, Tenn.
Tarr, Simon Weinberg	Iconium
Ward, Arthur Allen	Odon, Ind.
Wyand, S. Snyder	Eakles Mills, Md.

Middle Preparatory.

Akin, Rilla Irene	Toledo
Battles, Birdie	Moquoketa
Bear, Wilson Grant	Orangeville, Ill.
Baldwin, Mary Anna	Berlin
Christenson, Christen J.	Garwin
De Moss, Clarence	Des Moines
Harrison, William Johnson	Toledo
Overholser, John D.	Coleta, Ill.
Overholser, Julia Shuey	Coleta, Ill.
Shearer, Charles Perry	Collins
Vantress, Benjamin F.	Dover, Ill.
Willard, Chauncey Claud	Courad Grove
Wright, Grace	Platt
Walpert, Grace May	Denver, Col.
Zilm, David Daniel	State Center

Junior Preparatory.

Burkdall, Guy Raymond	Harvey, Ill.
Cannon, Willis Lloyd	Toledo
Coddington, Charles J.	Princeton, Ill.
Deason, Edwin Vorse	Cook, Neb.
Dickman, Lucius Albert	Westgate
Dickman, Mabel	Westgate
Day, Simon Morris	Toledo
Day, James Erasmus	Whitten
Davison, Arthur Orlando	Walnut City
Davison, Alice Dora	Walnut City
Davidson, Thomas	Toledo
Danks, Etta	Douglass
Danks, Eva	Douglass

Emerson, Glen Wilford	Douglass
Edwards, Ida	Liberty Center
Fellows, Ora	Toledo
Fordham, Cora	Chelsea
Ganser, Hattie	Morley
Galleghar, L. E.	Conrad Grove
Galleghar, Walter S.	Conrad Grove
Garnes, Samuel Elmer	Des Moines
Green, William Francis	Hitesville
Howe, Mae Josephine	Toledo
Hertrich, Emma	Gunder
Hall, Bert William	Douglass
Holroyd, Gay	Chicago, Ill.
Jorgenson, Theodore	Toledo
Johnson, Neal	Moravia
Kline, David Rollin	Orangeville, Ill.
Kline, Alvin John	Conrad Grove
Lee, Lyman Lincoln	S. Whittey, Ind.
Lamb, Pearl	Morley
Lewis, Jessie	Toledo
May, Leland Rupert	Adaville
Miller, Mae	Creston
Martenson, Charles Martin	Brltt
Maynes, Edward	Nassau
Maxwell, Cale	Cambridge
Peterson, Bertie Martin	Scranton
Price, Clinton Berton	Conrad Grove
Pond, Aubrey	Gladbrook
Ruthrauff, Bruce Wheeler	Coon Rapids
Rush, James Franklin	Pearl City
Runkle, Carrie Mae	Lisbon
Snyder, William Phillip	Granger
Tarr, Fred Augustus	Iconium
Tappan, Libbie	Chelsea
Van Dyke, Gilbert Rush	Belle Plaine

Woodward, Herbert Nelson	Toledo
Williams, Harry	Van Orin, Ill.
Winslow, Frank	Belle Plaine
Wick, Jennie	Lake City

Normal Department.

Anderson, Marion Jane	Penrose, Ill.
Babb, Alma Lorena	Tama
Barker, Mary Elizabeth	Carbon
Cooley, James Williams	Elgin
Egglestone, Jennie	Whitten
Ensminger, Marcella	Grinnell
Gallentine, Mae	Rhodes
Higgs, Alfred Randolph	Brough
Higgs, Letta May	Brough
Johnson, Albert Aaron	Gladbroook
Linn, Joseph Stanley	Parkersburg
Provan, May	Traer
Ryan, Jennie	Chelsea
Snoke, Jennie Grace	Des Moines

College of Commerce.

Senior Practical Department.

Burns, Lottie	Toledo
Burley, Herbert Loring	Tama
Elder, Adrian	Goodell
Evans, Charles Andrew	Toledo
Ferguson, Martha	Le Grand
Giger, Louis K.	Toledo
Hayes, Cyrus S.	Gladstone
Hilton, Leroy P.	Tama

Krezek, Michael	Toledo
McAnulty, Bessie	Toledo
McCormick, John A.	Toledo
McConkey, Harry J.	Mentor
McConaughy, ———	Anamosa
Muckler, William	Toledo
Pugsley, Myrtle	Toledo
Prescott, Fred Arthur	Conrad Grove
Smith, Edwin L.	Sumner
Stair, John H.	Pipestone, Minn.
Tims, Frank	Tama
Thompson, Jessie	Toledo
Wayd, W. J.	———

Junior Practical Department.

Alcorn, Sadie	West Union
Duncan, W. J.	Olin
DeLand, John	Tama
Kelling, John W.	Renwick
Mericle, John	Toledo
Miller, Harry J.	Olin
Nevins, William	Toledo
Omstead, Fred	Tama
Reeder, Christa	West Union
Reeder, John	West Union
Reeder, Robert	West Union
Rhoads, Harry A.	Mechanicsville

Theoretical Department.

Bissell, Ralph	Tama
Calloway, Edward T.	Whitten
Cuthbertson, Arthur	Toledo
Griegsby, Ernest	Toledo
Hecht, Henry	Dysart
Mathern, E.	Garwin
Myers, James W.	Swan
Patterson Austia	Toledo
Stanbrough, R. C.	Whitten

Conservatory of Music.

Baldwin, H. M. Mrs.	Toledo
Bissell, Mabel	Tama
Boynton, Florence	Toledo
Bowles, Lillyan	Toledo
Bookwalter, Ethel	Toledo
Bratton, Laura	Toledo
Cannon, W. L.	Toledo
Cooley, J. W.	Elgin
Davison, Alice	
Dixon, Phœbe	Ogden
Ferguson, Martha	Le Grand
Fitzgerald, Nellie	Garwin
Hertrich, Emma	Gunder
Kline, D. R.	Orangeville, Ill.
Louthan, M. T.	Toledo
Moffatt, R. S., Mrs.	Tama
Moorman, Hattie	Winterset
McClelland, B. F.	Toledo
McCormick, Cora	Toledo
Newcomb, Leta M.	West Union
Paul, Anna	Elkador
Rebok, Lona	Toledo
Reeder, May	West Union
Runkle, Carrie	Lisbon
Smith, Maud	Toledo
Stauffer, Olive	Gladbrook
Van Dyke, Nettie	Tama
Warren, F. E., Mrs	Toledo
Wick, Jennie	Lake City

Department of Oratory and Physical Culture.

Anderson, Marvin J.	Penrose, Ill.
Arble, Irene	Toledo
Baldwin, Anna Mary	Berlin
Browning, Anna	Telford, Tenn.
Bowles, Lillyan Maybelle	Toledo
Barker, Lizzie Mary	Carbon
Bowman, Minnie	St. Lawrence, S. Dak.
Beale, Mamie	Toledo
Bookwalter, Alfred Guettner	Toledo
Bookwalter, Ethel	Toledo
Clark, Susie Louise	Toledo
Davidson, Alice	Toledo
Ebersole, Maude Vary	Toledo
Edwards, Ida	Liberty Center
Fulkerson, Maud	Toledo
Field, Frank E.	Dover, Ill.
Foster, John Eldon	Toledo
Ganser, Hattie	Morley
Gageby, Frank	Tama
Graham, Laura	Shueyville
Hertrich, Emma Frances	Gunder
Holroyd, Gay	Chicago, Ill.
Halling, Matilda J.	Toledo
Jorgenson, Theodore	Toledo
Kirkpatrick, Pearl	Toledo
King, Alta	Toledo
Lamb, Pearl	Morley
McClelland, Laura R.	Toledo

Markee, Ruth Winifred	Toledo
Overholser, Julia Shuey	Coleta, Ill.
Runkle, Carrie May	Lisbon
Runkle, Herman A.	Lisbon
Smith, Mabel	Toledo
Smith, Lucie	Toledo
Schoolcraft, Bessie	Toledo
Tims, Frank	Tama
Wick, Jennie Linn	Lake City
Wolpert, Louisa Jeannette	Denver, Col.
Wolpert, Grace May	Denver, Col.
Wohlford, Lydia Catherine	Orangeville, Ill.
Wright, Grace Irene	Plato
Williams, Blanche Edna	Gladbrook

Art.

Anderson, Marion	Penrose, Ill.
Baker, Mrs. Chas. D.	Toledo
Baldwin, Anna	Berlin
Bowles, Lillyan	Toledo
Ensminger, Marcella	Grinnell
Harrison, Anna	Toledo
Kline, Winona	Orangeville, Ill.
McClelland, Mrs. Laura	Toledo
Lewis, Geneve	Toledo
Paul, Anna	Elkador
Provan, May	Traer
Richards, Anna	Toledo
Warren, Mrs. Ora	Toledo
Warren, Nora	Tower Hill, Ill.

Shorthand and Typewriting.

Burns, Lottie	Toledo
Danks, Eva	Douglass
Fuller, Arthur	Toledo
Hilton, Leroy P.	Tama
Kelling, James W.	Tama
McConkey, John	Mentor
McClaskey, John	Toledo
Mathern, E. A.	Garwin
Parker, Blanche	Toledo
Tibbetts, Etta	Toledo
Wood, Naomi	Toledo

Ornamental Penmanship.

Ferguson, Martha	Le Grand
Fuller, Arthur	Toledo
McAnulty, Bessie	Toledo
McClaskey, John	Toledo
McConaughy, James	Anamosa
Parker, Blanche	Toledo
Rhodes, Harry	Mechanicsville
Stocking, Arthur	Tama

Summary.

College.

Seniors	1	
Juniors	9	
Sophomores	14	
Freshmen	28	52

Preparatory.

Seniors	22	
Middle	15	
Juniors	52	
Normal Students	14	103

College of Commerce.

College of Commerce	42	
Short-Hand and Type-Writing	11	
Ornamental Penmanship	8	61

Conservatory of Music.

Conservatory of Music	29

Department of Oratory and Physical Culture.

Students	42

Art.

Students	14
Grand Total Enrollment	301
Names counted twice	66
Net Enrollment	235

Degrees Conferred 1895.

A.B.

Franklin Elsworth Brooke,	Moravia
Samuel Erwin Long,	Lisbon
Gabriel Ellis Porter,	Scottdale, Penn.
Henry Eugene Slattery,	Toledo

B.S.

James Keel Coddington,	Princeton, Ill.

B.L.

James Corbett Sanders,	Traer

B.D.

Charles F. Peterson,	Scranton

A.M.

Squire Trevelyn Beatty,	Toledo
Charles Rollin Shatto,	Toledo

Alumnal Association.

PRESIDENT.

M. H. Kepler, A.B., Class of '92.

VICE PRESIDENTS.

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O. B. Chitty, B.L., Class of '89.

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Richard L. Purdy, A.B., Class of '94	Term expires June, '98

Register of Alumni.

1864.

*William Taylor Jackson, A.M., Rector of Episcopal church, Emmetsburg, Iowa.

Emma Neidig (Steel), M. A., David City, Nebraska.

1865.

Jacob Augustus Shuey, M. S., Special Agent Equitable Life Insurance Society of New York, Red Oak, Iowa.

1868.

Mary A. Beam (Emerson), M. A., Deceased.

Amelia B. Grove (Hardon), M. A., Deceased.

1869.

Mrs. Elnor A. Cook, M. A.

Joseph B. Overholser, A. M., Farmer, David City, Nebraska.

Homer R. Page, A. M., Deceased.

1870.

Martha E. Allison (Washburn) M. A., Deceased.

1871.

Alfred D. Collier, M. S., Lawyer, Sioux City, Iowa.

1872.

Lewis Bookwalter, A. M., President of Western College, Toledo, Iowa.

William Henry Custer, M. S., Deceased.

Augustus Waldo Drury, A. M., Professor of Systematic Theology, Union Biblical Seminary, Dayton, Ohio.

Marion Richardson Drury, A. M., Associate Editor of Religious Telescope, Dayton, Ohio.

*The only degree noted is the highest degree taken in course from this institution. It is hoped that accurate information respecting other degrees may be obtained, in each case, for insertion in the next register.

Francis R. Fry, M. S., Farmer, Corydon, Iowa.

Sallie Scott Perry (Kephart), M. A., Annville, Penn.

Lucy D. Strother (Williams), M. A., Gladbrook, Iowa.

Sarah Joanna Surran (Light), M. A., Buchanan, Michigan.

Anna Elizabeth Shuey (Swain), M. A., South Hadley Falls, Mass.

Robert Erving Williams, A. M., Pastor of U. B. Church, Gladbrook, Iowa.

1873.

Thomas Jefferson Bauder, A. M., Pastor U. B. Church, The Palms, California.

Milo Booth, M. S., Merchant, Huron, South Dakota.

Henry G. Bowman, A. M., Deceased.

Eva M. Drury (McHoes), Pasadena, California.

Enoch Faber Light, A. M., Minister-Bookdealer, Buchanan, Michigan.

William Kendrick Riggs, M. S., Druggist, Castalia, Iowa.

Henry Sheak, M. S., Professor Natural Science and Mathematics, Philomath College, Philomath, Oregon.

John Wesley Surran, M. S., Editor Warren Republican, Warren, Indiana.

1874.

William Bower Arble, M. S., Pastor Toledo Circuit, (U. B) Toledo, Iowa.

Luther M. Conn, B. S., Deceased.

Cyrus Jeffries Kephart, A. M., Minister, General Secretary Pennsylvania State Sabbath School Association, Annville, Pennsylvania.

Alvan Lyman Marshall, M. S., Farmer, Springville, Iowa.

Francis Marion Washburn, A. M., Pastor Congregational Church, Mankato, Minnesota.

John Henry Albert. A. M., Pastor Grace Congregational Church, Stillwater, Minnesota.

1875.

Mildred Gambrel, M. A.

Mary Louise Hopwood, M. A., Book and Newsdealer, Kearney, Nebraska.

1876.

Albert Milton Beal, A. M., Physician, Moline, Illinois.

William Irons Beatty, M S., Pastor U. B. Church, Toledo, Iowa.

Sophia Bookwalter (Drury), M A., Dayton, Ohio

Mary Clarissa Hedges (Peffley), M. A., Central City, Iowa.

Jeannette Belle Hopwood, M. A., Teacher in Public Schools, Holdridge, Nebraska.

William Henry Kauffman, M S , Pastor Congregational Church, Hull, Iowa.

Frank S Smith, M, S., Physician, Nevada, Iowa.

1877.

Joseph Bookwalter, M. S., President Inland Grain Co., Kansas City, Missouri.

Arsemus Richmond Burkdoll, M. S., Dealer in Real Estate, Harvey, Illinois.

William Jasper Ham, A. M., Professor of Natural Science, San Joaquin Valley College, Woodbridge, California.

John Martin Horn, M. S., Teacher, Cedar Rapids, Iowa.

John Augustus Moore, M. S., Farmer, Garwin, Iowa.

Abram Hurshey Neidig, A. M., Dealer in Real Estate, Los Angeles, California.

Urias D. Runkle, A. M., Merchant, Lisbon, Iowa.

Sarah Jane McAlvin, M. A., Matron Girls' Boarding Hall, Cedar Falls, Iowa.

Australia Patterson, M, A., Minister, Missionary at Canton, China.

Catherine Patterson (Beatty), M. A., Deceased.

Josephine Johnson, M. A., Professor of Modern Languages, Otterbein University, Westerville, Ohio.

Almina Wooldrige (Hopwood), M. A., Holdridge, Nebraska.

1878.

John Wesley Baumgardner, A.M., Pastor U. B. church, Esparto, California.

Arthur Melbourne Moore, M.S., Deceased.

1879.

William Henry Klinefelter, A.M., Pastor Summit St. U. B. church, Dayton, Ohio.
Walter LeRoy Linderman, A.M., Lawyer, Emmetsburg, Iowa.
Daniel Miller, M.S., Minister, Topeka, Kansas.
Elizabeth Moore (Miller), M.S., Topeka, Kansas.
Emma Patton (Davis), B.S , Toledo, Ohio.

1880.

William Irons Beatty, A.M. (See 1876.)
William Otterbein De Moss, B.S., Nurseryman, Des Moines, Iowa.
Louisa Rose Halverson (Albert), A.M., Deceased.
Ernest Otterbein Kretsinger, A.M., Lawyer, Beatrice, Nebraska.
George D. Mathewson, A.M., Lawyer, Brady Island, Nebraska.
Eli H. Ridenour. A.M., Professor of Mathematics, High School, Stockton, California.
James Wesley Robertson, A.B., Deceased.

1881.

Adaline Dickman (Miller), M.S., Harvey, Illinois.
John Lawrence Drury, A..M, Real Estate and Loan Agent, Cedar Rapids, Iowa.
Mary Ellen Horn (Drury), M.S., Cedar Rapids, Iowa.
George McAnelly Miller, A.M., Lawyer, Chicago, Illinois. Residence, Harvey, Illinois.
Alice Elizabeth Singley (Wilson), M.S., Tina, Missouri.
Robert Rush Wilson, M.S., Editor Tina Herald, Tina, Missouri.

1882.

Walter Clarence Smith, M.S., President of Home Medical and Surgical Infirmary, Toledo, Iowa.
Thomas H. Studebaker, M.S., Editor North Iowa Times, McGregor, Iowa.

1883.

Emma Jane Howard (Weller), M.S., Professor of Latin, Central College, Enterprise, Kansas.

Willis E. Johnson, M S.

1884.

Isaiah L Albert, B.S , Lawyer, Columbus, Nebraska.

Kate Idell Coates (Russell), B S., Deceased.

Daniel Fulcomer, A.M , Professor Psychology and Pedagogy, State Normal School, Milwaukee, Wisconsin.

1885.

Frank J. Browne, A.B., Teacher, Columbia City, Washington.

Vivian Albert Carlton, A.M., Pastor U. B. Church, Cedar Rapids, Iowa.

John F. Leffler, A.B., Deceased.

Anna E. Maiden (Leffler), B.S., Deceased.

Richard LaRue Swain, A.M., Pastor Congregational Church, South Hadley Falls, Massachusetts.

Charles Fremont Schell, A.M., Pastor U. B. Church, Goodell, Iowa,

1886.

Lucy A. Blinn (Sears), B.L., Sioux City, Iowa.

Charles Morgan Brooke, A.M., Minister, President of Lane University, Lecompton, Kansas.

John P. Hendricks, A.M., Dealer in Real Estate, Butte, Montana.

Simon Jethrow Lowe, A.B., Teacher and Farmer, The Palms, California.

Cora A. Middlekauff, B.S., Polo, Illinois.

James A Merritt, B.S., Lawyer, Des Moines, Iowa,

Josephine Grant Patterson (Wonser), A.B., Tama, Iowa

Eugene Riley Smith, B.S., Physician, Toledo, Iowa.

Cyrus Holland Timmons, B S., Deceased.

Emma J. Howard (Weller), M.A. (See class '83.)

1887.

Daisy Gallion (Smith), B.S., Deceased.

Mary Emma Greenlee, A.B., Deceased.

Myrtle Jarvis (Miller), B.S., Denver, Colorado.

Charles Lincoln Mundhenk, B. S., Mechanic, Toledo, Iowa.
Jesse A. Runkle, A. B., Lawyer, Cedar Rapids, Iowa.
Minnie R. Whitten (Barnes), B. S., Cedar Rapids, Iowa.

1888.

Charles E. Bennett, B. S.
Peter O. Bonebrake, A.B., Principal of Helman Street School, Los Angelos, California.
Esther Butler (Austin) B. S., Toledo, Iowa,
Clara Cozad (Keezel) B.S., Kansas City, Missouri.
Elnora E. Dickman (Richie), B.S. Westgate, Iowa.
Daniel G. Filkins, B.S., Pastor M. E. Church, Ledyard, Iowa.
Gazelle Holstead, A.B., Principal of High School, Charles City, Iowa.
Lawrence Kiester, A.M., Pastor U. B. Church, Scottdale, Pennsylvania.
Emma May Kephart, B.S., Baltimore, Maryland.
E. Geneve Lichtenwalter, B.L., Instructor in Music, State University, Lawrence, Kansas.
Mary T. Louthan, M.L., Music Teacher, Toledo, Iowa.
Alvin H. Patterson, B.S., Book-keeper, Carthage, South Dakota.
Albert Edward Slesser, B.S., Pastor M. E. Church, Aurelia, Iowa.
Edna Thompson (Rebok), B.L., Toledo, Iowa.
Henry W. Ward, A.M., Professor of Greek and Latin, North Manchester College, North Manchester, Indiana.
Thomas D. Wilcox, B.L., Farmer, Gladbrook, Iowa.
William M. Zumbro, A.M. Teacher in the Pasumalai Institution and Missionary in the Madura Mission, South India.

1889.

Eugene D. Abrams, B.S., Traveling Agent Des Moines Leader, Des Moines, Iowa.
Charles D. Baker, B.S., Druggist, Toledo, Iowa.
Squire Trevelyn Beatty, A.M. Pastor of Congregational Church, Edgewood, Iowa.
Edward F. Buchner, A.B., Instructor in Pedagogy and Philosophy, Yale University, New Haven, Connecticutt.
Oliver Benjamin Chitty, B.L., Real Estate and Insurance Agent, Toledo, Iowa.

Horace C. Coe, B.S., Teacher, Wilton Junction, Iowa.

Benjamin F. Cokely, A.B., Pastor East Main Street, Congregational Church, Galesburg, Illinois

Etta Fulcomer (Beach), B.L., Teacher in High School, Grand Island, Nebraska.

William Otterbein Krohn, A.B., Head of the Department of Psychology, University of Illinois, Champaign, Illinois.

John A. Ward, B.S., Pastor of Congregational Church, Caledonia, Illinois.

1890.

Simon Peter Gary, B.Ped. Law Student, Northwestern University, Evanston, Illinois.

Jeremiah George, B.S. A.M., Minister, President Gale College, Galesville, Wisconsin.

Frank Sigel Hettler, A.B., Pastor U. B. Church, Marion, Indiana.

Clarence Ward Ingham, B.S., Lawyer, Pringar, Iowa.

Lulu Maud Kephart (John) A.B , Johnstown, Pennsylvania.

Jesse Jessen Kolmos, A.B., Theological Student, Chicago Theological Seminary, Chicago, Illinois.

Susie Lichtenwalter (Riggs), Pawnee City, Nebraska.

Wilbur Grant Little, Ph.B., Pastor Congregutional Church, Allison, Iowa.

May Middlekauff (Runkle), B.S., State College, Pennsylvania.

Erwin William Runkle, A.B., Professor of Philosophy, State College, Pennsylvania

William Elias Schell, A.B., Presiding Elder (U. B. church), York, Nebraska.

Charles Rollin Shatto, A.M., Pastor of Congregational Church, West Burlington, Iowa.

William Avery Smith, B.S., Book-keeper, Toledo, Iowa.

Arthur Biggs Statton, A.B Pastor of U. B. Church, Olin, Iowa.

Emma Stouffer, B.S.

Frank E. Stauffer, A.B., Editor Sac Sun, Sac City, Iowa.

Samuel Marcellus Stouffer, A,B , Editor Sac Sun, Sac City, Iowa.

Willis Austin Warren, B.L., Pastor Congregational Church, Waterville, Minnesota.

Roderick Freeman Watts, B.L., Physician, Millusburg, Iowa.

1891.

J. Anna Brabheim, B.S., Harlem, Iowa.

Newton Weldon Burtner, A.B., Pastor U. B. Church, Muscatine, Iowa.

Nelson P. Cronk, B.S , Lumber and Coal Dealer, Montour, Iowa.

Howard H. Everett, B.S., Auditor Tama County, Toledo, Iowa.

Jennie R Fearer, B.S., Teacher, Oregon, Ill.

William Potter Fearer, B.S., Lawyer, Oregon, Ill.

William E. Fee, Ph B., Principal Schools, Fullerton, Nebraska.

Elmer E. Fix, B.S., Missionary in Canton, China. Present address, Martinsburg, Indiana.

Fannie Heistand Fix, A.B.. Missionary in Canton, China. Present address, Martinsburg, Indiana.

Hiram O. Green, B.S., Physician, Spencer, Iowa.

William Otterbein Harper, A. B., Pastor U B. Church, Shueyville, Iowa

Lloyd Fisher Loos, Ph.B., Principal Public Schools, Mechanicsville, Iowa.

Clark D. Spencer, B.L , Pastor U. B. Church, Firth, Nebraska.

1892.

William B. Barnett, B.S., Teacher, Polk City, Iowa.

Charles W. Brewbaker, Ph B., Pastor of U. B. Church, State Line, Pennsylvania.

Isaac N. Cain, B.S., Minister. Missionary, Rotofunk, West Africa.

Annetta B. Dickman, B.S., Teacher, Westgate, Iowa.

Mrs. Mary Donaldson, A.B., Los Angelos, California.

Addie Ingersol, A.B., Teacher, Toledo, Iowa.

Nellie Irons, A.B., Teacher, Toledo, Iowa.

Richard R. Kepler, B.S., Law Student, Iowa State University, Iowa City, Iowa.

M. H. Kepler, A.B., Law Student, Iowa State University, Iowa City. Iowa.

Clara D. Mason (Scutt), B.S., Marion, New York.

Mary E. Mutch (Cain), B.S., Missionary, Rotofunk, West Africa

Emma M. Maynard, B.S., Teacher, Galesville, Wisconsin.

Belle M. Schelling, B.S., Teacher, Pleasant Prairie College, German Valley, Illinois.

Louise Shambaugh (Jones), B S., York, Nebraska.

1893.

Simon P. Gary, Ph.B. (See class of '90.)

Anna M. Hild (Franks), Ph. B., Traer, Iowa.

Howard M. Humphrey, B. S., Physician, Montour, Iowa.

Ferdinand W. Jones, A.B., Pastor U. B. Church, York, Nebraska.

Amos S. Main, B. L., Medical Student, Seaton, Illinois.

Ida Richards, Ph.B., Pastor U. B. Church, Cascade, Wisconsin.

Mary B. Spencer, A B., Teacher in Grand View Normal, Grand View, Tennessee.

Sidney A. Wheelwright, Ph.B., Pastor of Congregational Church, Preston, Iowa.

1894.

F. G. Beardsley, A.B., Pastor Congregational Church, Charlotte, Iowa.

N. S Guyer, B L., Law Student, Lawrence, Kansas

F. E. Kauffman, B L., Medical Student from State University, Iowa City, Iowa.

Mark Masters, A.B., Teacher, Toledo, Iowa.

J. H. McClain, Ph.B., Principal of Schools, Aurelia, Iowa.

R. L. Purdy, A.B. Pastor U. B. Church. Van Meter, Iowa.

H. E. Slattery, B.L , Pastor U. B. Church, Blockton, Iowa.

Mrs. Lola B Statton, A.B., Olin, Iowa.

1895.

Frank E. Brooke, A B., Pastor U. B. Church, Moravia, Iowa.

James Keel Coddington, B.S., Farmer, Princeton, Illinois.

Samuel Erwin Long, A.B , Pastor West Side U. B. Church, Cedar Rapids, Iowa.

George Ellis Porter, A.B., Teacher, Toledo, Iowa.

James C. Sanders, B L., Student State Normal, Cedar Falls, Iowa.

Henry Eugene Slattery, A.B., (see class of '94.)

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CATALOGUE

...OF...

WESTERN COLLEGE

FOR THE YEAR

1896-97.

TOLEDO, IOWA.
PUBLISHED BY THE COLLEGE,
1897.

CALENDAR.

1897.

Fall Term will begin - - -	Wednesday, September 15
Fall Term will end - - - -	Wednesday, December 22

WINTER VACATION, TWO WEEKS.

1898.

Winter Term will begin - - -	Wednesday, January 5
Day of Prayer for Colleges - - -	Thursday, January 27
Winter Term will end - - -	Wednesday, March 23

SPRING VACATION, ONE WEEK.

Spring Term will begin - - -	Wednesday, March 30
Spring Term will end - - - -	Thursday, June 16

SUMMER VACATION, THIRTEEN WEEKS.

Fall Term will begin - - -	Wednesday, September 14
Fall Term will end - - -	Wednesday, December 21

1898.

Baccalaureate Sermon, 10:30 a. m. June 12.
Christian Association Anniversary, 8 p. m. June 12.
Annual Meeting of Board of Trustees, 10 a. m. June 13.
Anniversary of Literary Societies, 8 p. m. June 13.
Field Day, June 14.
Alumni Meeting, 8 p. m. June 14.
Conservatory Commencement, 9:30 a. m. June 15.
Graduation of Pupils in Oratory, 2 p. m. June 15.
Lecture, 8 p. m. June 15.
Commencement, 9:30 a. m. June 16.
Concert of the Conservatory of Music, 8 p. m. June 16.

CORPORATION.

IOWA CONFERENCE.

REV. M. R. DRURY, A. M., D. D. REV. L. B. HIX
REV. W. I. BEATTY, A. M., D. D.

DES MOINES CONFERENCE.

REV. GEO. MILLER, D. D. REV. L. H. BUFKIN
A. H. SHAMBAUGH

ROCK RIVER CONFERENCE.

REV. J. GROFF REV. C. WENDLE
D. C. OVERHOLSER

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REV. U. A. COOK

COLORADO CONFERENCE.

REV. J. P. WILSON REV. A. SCHWIMLEY
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Instructor in Biblical History.

W. FRANCIS GATES,
Director of Conservatory of Music.

ANNA RICHARDS,
Instructor in Elocution and Physical Culture.

KATHERINE L. REAMER,
Instructor in Drawing and Painting.

EDGAR U. LOGAN, M.Acc's,
Principal of College of Commerce.

ARTHUR WARD,
Director of Gymnasium.

A. O. JONES,
Librarian.

LECTURERS.

HON. L. G. KINNE, LL.D.,
Lecturer on Criminal Law and Law of Real Property.

BISHOP E. B. KEPHART, D.D., LL.D.,
Lecturer on Christian Evidences.

GEORGE M. MILLER, A.M.,
Lecturer on Sociology.

BISHOP J. W. HOTT, D.D., LL.D.,
Lecturer on Biblical Antiquities.

W. M. BEARDSHEAR, LL.D.,
Lecturer on Ethics.

HON. E. C. EBERSOLE, A.M., LL.D.,
Lecturer on Constitutional Law.

E. R. SMITH, M.S., M.D.,
Lecturer on Physiology and Hygiene.

GENERAL INFORMATION.

HISTORICAL.

The first steps toward founding Western College were taken by the Iowa Annual Conference of the United Brethren in Christ, held at Muscatine, in August, 1855. The school was located at Western, Linn County, on February 11, 1856, and was incorporated under the laws of the state in the following month. The College was removed to Toledo in 1881, and the new building was ready for occupancy in September, 1883. On Christmas night of 1889, the main College building, with all its contents, except the library, burned to the ground. The present structure was immediately begun, and stands a monument to the liberality of the people of Toledo and the Church, and to the energy of the authorities in charge.

CONTROL.

Western College is controlled by a corporative board, composed of representatives from the Alumni, six co-operative conferences of the United Brethren Church, and three trustees at large.

PURPOSE.

While no sectarian principles are sought to be imposed upon the student, a correct moral and Christian character is regarded as a matter of the utmost importance, and all diligence will be employed to secure this very desirable result. The completest liberty is granted to the religious convictions of each individual and denomination. The design is to afford to all who will strive for it, the opportunity of gaining a liberal education, under healthful moral influences.

THE LOCATION

is admitted to be one of the choicest in the central Northwest. Toledo is the county seat of Tama county, and is situated on the Chicago & Northwestern railway, about fifty-five miles west of Cedar Rapids and twenty miles east of Marshalltown. The city is in the midst of a rich agri-

cultural district, which insures prosperous life and permanent growth. The situation is healthful and beautiful. The citizens are intelligent, cultured, and progressive. The business men are public spirited and accommodating. The moral influence of the community is surpassed by none. The town has city water works, electric lights, and an electric street car line connecting it with Tama.

MAIN BUILDING.

The main building, one hundred and fifty by eighty feet, three stories and a basement, is one of the best college buildings in the state Its large and cheerful recitation rooms, four tasteful and beautiful society halls, choice lecture room, admirable arrangement throughout, and its hot water system of heating in every part, adapt it remarkably well to the aid of the teacher as well as to the convenience and profit of the student.

BRIGHT CONSERVATORY OF MUSIC

is tastefully furnished throughout, and takes first rank among buildings of the kind in the state. It is established in memory of Rev. John C. Bright, our first missionary secretary, and one of the first and warmest friends of music and education in the church.

MARY BEATTY HALL

is the fine boarding hall for young ladies, furnished in modern style. It is a very pleasant home near the main building.

DRURY HALL.

Across the street from the College grounds is the young men's hall, a well kept and popular hall for rooming and boarding.

THE COLLEGE CHURCH

is a model of architectural excellence and beauty. It has a seating capacity of about one thousand, is provided with lecture and Sunday school rooms, and is heated by furnace and lighted by electricity. Its internal arrangement and furniture are universally admired. It is furnished with a pipe organ of excellent quality and tone, which is used by the Conservatory of Music.

THE RAILWAY FACILITIES

are excellent. Parties coming to Toledo from the east, west and south may take the Chicago & Northwestern, or Chicago, Milwaukee, & St. Paul to Tama, thence to Toledo by electric street railway two miles. Persons from the north may come on the Toledo & Northwestern direct to Toledo.

THREE STANDARD COURSES

leading to the usual degrees are offered in the College—Classical, Philosophical, and Scientific; also a Preparatory, and a Normal, or Didactic course. These afford a wide range of studies. A careful consideration of these, severally, will show a favorable comparison with similar courses of study in the best institutions of the country.

LITERARY SOCIETIES.

There are connected with the College, under the control of the faculty, six literary societies—Philophronean, Young Men's Institute, Alphanean, Cyclomathean, Young Ladies' Athenæum, and Calliopean—the last two consisting of ladies.

The societies are in a flourishing condition. They have four halls, which occupy entirely the third story of the main College building. These are nicely furnished and among the most commodious and tasteful literary halls in the West. In these societies the students may become familiar with parliamentary practice and secure an invaluable discipline in the composition and delivery of literary productions.

LIBRARY.

The College library consists of several thousand volumes. Students have the free use of the library, and will find upon the reading tables a large number of the best daily and weekly papers, besides magazines and reviews.

LECTURES.

During the year lectures are delivered by eminent specialists on Christian Evidences, Constitutional Law, Biblical Antiquities, Biblical History, Sociology, Ethics, and the Home.

ATHLETICS AND PHYSICAL TRAINING.

On the College campus there is a fine field for athletic sports. The baseball and football grounds and tennis-courts are all that could be

desired, affording opportunity for abundant exercise in pleasant weather. The gymnasium is well supplied with modern apparatus, and under a competent instructor has proved very beneficial to the students and the College. This department is managed by the Young Men's Christian Association, under the supervision of the faculty.

Y. M. C. A. and Y. W. C. A.

Our Young Men's and Young Women's Christian Associations exert important moral and religious influence among our students. They meet weekly in their hall, and all students are invited to become members. They are conducted by the young people themselves in harmony with the college associations of the land.

RELIGIOUS SERVICES.

Devotional exercises are conducted in the College chapel every morning except Saturday and Sunday at 11:40. Attendance is required.

Divine services are conducted every Sabbath at 11:00 by the College pastor in the United Brethren church. All students are required to be present except those who regularly attend elsewhere. Regular services are held also every Sabbath evening.

In the city are five churches, all of which cordially invite the attendance of the students.

The students are welcomed in the Sunday schools, the mid-week church services, the Young People's Societies of the churches, and in the Bible classes and weekly meetings of the Young Men's and Young Women's Christian Associations of the College

ATTENDANCE AT RECITATIONS.

Regularity at recitations is expected of every student. Upon being absent one-tenth of the required recitations of a term in any subject the student will be required to pass a satisfactory examination on the ground covered in his absence in order to retain his registration in that subject.

Absence from one-eighth of the required recitations of a term in any subject will cancel the student's registration in that subject. A committee of the faculty on re-instatement may restore canceled registration upon conditions in each case determined.

EXAMINATIONS.

Public written examinations are held at the close of each term. An examination must be had before a student can receive a standing in his studies. The grade on examination will count one-third and the average recitation grade two-thirds in the term average. A student whose term average is below 65 per cent in any study must repeat the study with another class or take a second examination after further preparation.

COMMENCEMENT.

On the day of Commencement such candidates for graduation as the faculty shall have previously approved shall perform the exercises assigned to them.

The composition of each student for graduation must be ready for criticism by May 10.

DEGREES.

The degrees of A. B., Ph. B, and B. S. are given upon the completion of the corresponding course of study.

MASTER'S DEGREE.

The degree of Master of Arts, Master of Philosophy, and Master of Science is conferred on candidates of good moral character who, having received the corresponding Bachelor's degree from this or from any college of equal standing, shall complete one of the courses of study indicated below:

I. One year's study in residence at the College with presentation of thesis.

II. Three years' study *in absentia* in lines of work approved by the faculty with presentation of thesis and examination at the College.

III. Completion of course in a professional school of approved standing including the presentation of a thesis; such institutions include Medicine, Law, and Divinity schools.

Persons whose graduate study is done *in absentia* and who desire to make application for the Master's degree will communicate with the faculty not later than the first Friday in the spring term of the year in which they would obtain the degree.

Diplomas shall be signed by the faculty only after the fee is paid, which is $5.00 for each of the degrees.

ROOMS AND BOARD.

Non-resident students are expected to secure homes at the halls until all the rooms are taken.

Beatty Hall is the college home for girls. The building is a large brick structure and has accommodations for twenty-eight young ladies. The rooms are 12½x15 feet, with closets 3½x7 feet. The rooms are carpeted, thoroughly ventilated, heated with steam, and furnished with bedstead, mattress, wire mattress, commode, toilet set, chairs, table, and student's lamp. Bedding is also furnished. Students furnish their own towels and oil.

The purpose is to furnish for young ladies coming from abroad a home under the best of influences, and at the lowest cost at which it can be afforded. Gentlemen also board at Beatty Hall.

Drury Hall is for young gentlemen where young men room and both gentlemen and ladies board. The rooms at Drury Hall are furnished—students providing towels and oil.

To further reduce expenses some students board themselves.

Many private families open their houses to students so that abundant accommodations may be secured in town, in style and price to suit the taste of every one. Students rooming in town will be expected to observe the same regulations as those rooming in the College halls. It is always best to secure accommodations through the President before coming to Toledo. In any case, the student upon arrival should call upon the President for information

GOVERNMENT.

The regulations of the College are few and simple. Students are placed upon their honor and personal responsibility. Special rules are announced from time to time as circumstances may demand.

ADDITIONAL ITEMS OF INTEREST.

Half tuition is charged for those taking one study.

All dues are payable each term in advance, and will not be refunded except in cases of protracted sickness.

EXPENSES.

PREPARATORY AND COLLEGE CLASSES.

	FALL TERM	WINTER TERM	SPRING TERM
Tuition -	$13.00	$12.00	$11.00

ROOMS AND BOARD.

Room rent at Beatty Hall, for each student, per week	$.50
Heating at Beatty Hall, per week	.30
Table board at Beatty Hall, per week	2.00
Room rent at Drury Hall, for each student, per week	.50
Table board at Drury Hall, per week	1.75

At Drury Hall students furnish their own heat

Board and room in private families from $2 50 to $3 00.

For rates of tuition in adjunct departments, see those departments.

Text books vary in cost from five to twelve dollars per year.

COLLEGE.

REQUIREMENTS FOR ADMISSION.

Graduates of approved High Schools and Academies are admitted to the Freshman class without examination on presentation of diploma or certificate of work done. Other students are admitted on passing a satisfactory examination in the studies named below or on completion of our own preparatory course. Real equivalents for the studies required may be accepted at the discretion of the faculty.

I. ENGLISH. English Lessons (Lockwood). Literautre. The examination for 1897 will be upon topics taken from the following selection: Shakespeare's The Merchant of Venice, Burke's Speech on Conciliation with America, Scott's Marmion, Macaulay's Life of Samuel Johnson. In addition to the above, which are to be studied critically, the student is expected to have read intelligently the following: Shakespeare's As You Like It, Defoe's Journal of the Plague Year, Irving's Tales of a Traveler, Hawthorne's Twice Told Tales, Longfellow's Evangeline, George Eliot's Silas Marner.

II. LATIN. Grammar, Allen & Greenough or an equivalent. Reading (a) Viri Romæ; (b) Caesar's Gallic War, four books; (c) Cicero, five orations; (d) Virgil's Æneid, six books; (e) Forty Lessons Latin Prose Composition (Jones) or an equivalent.

III. MATHEMATICS. Algebra. Elementary, including quadratics, ratio, proportion, and variation. Geometry, plane and solid, with special attention to original demonstrations.

IV. GREEK. Grammar and Greek Lessons, two terms; Anabasis, one book.

V. GERMAN. Thomas's Grammar, Bernhardt's Noveletten, and Grimm's Maerchen, or equivalents of the above.

VI. NATURAL SCIENCE. Gage's Elements, or an equivalent. Physics, elementary, two terms; laboratory work required. Botany, analysis of forty plants.

VII. HISTORY. Ancient and Mediaeval, two terms, Meyers' or an equivalent.

Classical students will omit course V of the above; Philosophical and Scientific students will omit course IV.

CLASSICAL COURSE.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FRESHMAN	Greek. Latin. Algebra. Essays.	Greek. Latin. Algebra and Trigonometry. Essays.	Greek. Latin. Trigonometry. Essays.
SOPHOMORE	Greek. Latin. Rhetoric. Bible. Elective: German. / Analytical Geometry. — One req'd. Essays.	Greek or Latin. Literature. Bible. Elective: Advanced Physiology / English History. Calculus / German. Comparative Anatomy of Vertebrates — Two req'd Essays.	Greek or Latin. Literature. Bible. Elective: Zoology. / German. / Mathematics. — Two req'd Essays.
JUNIOR	Logic. Chemistry I. Elective: Greek. / Latin. / German. French Literature. — Two req'd. Orations.	Psychology. Chemistry II. Elective: Greek. Latin. / German. / Pedagogy. / French. Literature. — Two req'd. Orations.	Ethics Political economy. Elective: Greek. Latin. / German. / French. / Literature. — Two req'd. Orations.
SENIOR	Geology I. Elective: History of Philosophy / History of Civilization / Mechanics. / Modern European History. / Latin. / Greek. — Three req'd	Geology II. Elective: Theistic Belief. / Introduction to Philosophy. / Advanced Physics. / Constitutional History. / Latin. Greek. — Three req'd.	Elective: Sociology. / Astronom. / Histology. / International Law. / Physiological Psychology. Botany / Latin. Greek. — Three rqd

PHILOSOPHICAL COURSE.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FRESHMAN	German. Latin. Algebra. Essays.	German. Latin. Algebra and Trigonometry. Essays.	German. Latin. Trigonometry. Essays.
SOPHOMORE.	French. Latin. Rhetoric. Bible. Elective: German. Analytical Geometry. — One required Essays.	French. Literature. Bible. Elective: Advanced Physiology. English History. Calculus. German. Latin. Comparative Anatomy of Vertebrates. — Two req'd Essays.	French. Literature. Bible. Elective: German, Latin, Zoology, Mathematics. — Two required Essays.
JUNIOR.	Logic. Chemistry I. Elective: Latin. German. French. Literature. — Two required. Orations.	Psychology. Chemistry II. Elective: Latin. German. French. Literature. Pedagogy. — Two required Orations.	Ethics. Political Economy. Elective: German, Latin, French, Literature, — Two required Orations.
SENIOR.	Geology. Elective: History of Philosophy. History of Civilization. Mechanics, Modern European History. Latin. — three req'd	Geology. Elective: Theistic Belief. Advanced Physics. Introduction to Philosophy. Constitutional History. Latin. — Three required	Elective: Sociology. Astronomy. Histology, International law, Physiological Psychology, Botany II, Latin. — Three required

SCIENTIFIC COURSE.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FRESHMAN	German. Chemistry I. Algebra. Essays.	German. Chemistry II. Algebra and Trigonometry. Essays.	German. General Biology. Trigonometry. Essays.
SOPH'MORE	German. French. Analytical Geometry. Rhetoric Bible. Essays.	German. French. Bible. Elective { Calculus. Literature. / English Hist'y. Advanced Physiology. Comp. Anatomy of Vertebrates } Two req'd Essays.	German. French. Bible. Zoology. Elective { Literature. / Calculus. } One req'd. Essays.
JURION	Logic. Mechanics. French. Elective { German. / Literature. } One req'd. Orations.	Psychology. Advanced Physics. French. Elective { German. / Literature / Pedagogy. } One req'd. Orations.	Ethics. Botany II French. Elective { German. / Literature. / Political Economy. } One req'd. Orations.
SENIOR	Geology. Elective { History of Philosophy, / History of Civilization. / Modern European History. / French. } Three req'd	Geology. Elective { Theistic Belief. / Constitutional History, / French. / Advanced Physics } Three req'd.	Elective { Sociology. / Astronomy. / Histology. / Physiological Psychology. / International Law. French } Three req'd.

All of the Freshmen will recite five hours per week in each study except those of the Scientific Course who will recite but four times per week in Chemistry. Through the other three years of all the courses there will be four recitations in each study except in Bible, in which there will be two recitations per week. For detailed statement of the studies see Departments and Courses of Instruction.

DEPARTMENTS AND COURSES OF INSTRUCTION.

PHILOSOPHY.

I. History of Philosophy. The field is well covered—Greek Philosophy, Philosophy of the Middle Ages, and Modern Philosophy. Special attention is given to Modern Philosophy, which is brought down to the present. Falckenberg and others being authorities in the modern field. Library work is done in Aristotle, Bacon, Locke, Kant, Schelling, Lotze, and others. Fall term, four hours per week.

II. Introduction to Philosophy. This course gives the student a general view of the scope, divisions and relations of Philosophy, and is designed also to lead to personal philosophical thought. Text—Stuckenburg's Introduction to the Study of Philosophy. Winter term four hours per week.

LOGIC AND INTELLECTUAL SCIENCE.

I. Logic. Text—Jevons-Hill, The subject is studied with an eye to the practical application of its principles to reasoning and scientific investigation. Winter term, four hours per week.

II. (1) Psychology. Hill's Elements of Psychology is used as a text. Topical references are made to standard works, such as Schuyler and Hoffding.

(2) In the field of Physiological Psychology the authors studied are Ribot and Ladd. The student is expected to report on topics touching the materialistic and spiritualistic views. Winter term, four hours per week.

POLITICAL ECONOMY AND SOCIAL SCIENCE.

I. Political Economy. Walker is the chief text. A thorough knowledge of the general principles of the science is sought. No particular political doctrines are advocated, but the aim is to conduct an impartial scientific study of economic questions. Spring term, four hours per week.

II. Sociology. Small & Vincent's text is used as a guide, while Giddings and other authors are studied. The American Commonwealth, Bryce; Profit Sharing, Gilman; Municipal Government in Great Britain, Shaw; and the American Journal of Sociology are used for reference and reports. The purpose is to have the student gain a clear conception of this comparatively new and very important science. Spring term, four hours per week.

ETHICS, EVIDENCES, BIBLE.

I. Ethics. The text is Mackenzie's Manual of Ethics. Along with the study of the admirable outline furnished by this book are discussions and collateral reading. Spring term, four hours per week.

II. Evidences of Christianity. The study of this subject is directed by Fisher's Grounds of Theistic and Christian Belief. Library reading is pursued in such works as First and Fundamental Principles—McCosh, and Harris' Self Revelation of God. Topics are assigned for special study and report. The modern battlefields are entered. Winter term, four hours per week.

III. Bible. During the Sophomore year a course of two hours per week is had in the study of the English Bible. The fields of history, biography, literature, and doctrine are traversed. Such works as The Beginings of Christianity by Fisher are at the sudent's disposal in library work.

HISTORY.

I. English History. Special attention is given to the bearing of the development of the English nation and constitution upon the institutions of our own country. Winter term, four hours per week.

II. History of Civilization. Guizot's History of Civilization in Europe is the text. The class are expected to trace at every step contemporary European history. Fall term, four hours per week.

III. International Law may be correctly placed here, since it is emphatically one and a very important phase of the evolution of national life and international relations in the world's history. Woolsey's International Law is the text, with Glenn as leading reference.

Constitutional History also may be elected. Spring term, four hours per week.

GREEK LANGUAGE AND LITERATURE.

I. 1. Anabasis and 40 lessons of Prose Composition.
2. Anabasis, grammar reviewed.
3. Homer, Iliad, books I–III.
Five hours per week.

II. 4. Herodotus, book IX.
5. Lysias, selected orations.
6. Zenophon, Memorabilia.
Four hours per week.

III. 7. Eschylus, Prometheus Bound.
8. Demosthenes on the Crown.
9. New Testament or Odyssey.
Four hours per week.

IV. 10. Sophocles, Antigone.
11. Aristophanes, Clouds.
12. Eschines against Ctesiphon.
Four hours per week.

Courses III and IV are given in alternate years.

LATIN LANGUAGE AND LITERATURE.

I. 1. Livy, books XXI and XXII.
2. Horace, Odes and Epodes.
3. Quintilian, books X and XII.
Five hours per week.

II. 4. Tacitus, Agricola and Germania.
5. Pliny, selected letters.
6. Cicero, Tusculan Disputations—book I, and selections from De Senectute and De Amicitia.
Four hours per week.

III. 7. Terence, two plays.
8. Elegiac Poets, selections.
9. Virgil, Georgics.
Four hours per week.

IV. 10. Juvenal, satirical poetry.
11. Lucretius, two books.
12. Tacitus, Annals, Reign of Tiberius.
Four hours per week.

Courses III and IV are given in alternate years.

GERMAN LANGUAGE AND LITERATURE.

I. 1. Scheffel, Ekkehard; sight reading; composition.
2. Schiller, Die Rauber, Wilhelm Tell; composition and dictation.
3. Lessing, Minna von Barnhelm; Chamisso, Peter Schlemihl; composition.

Five hours per week through the year.

This course is open to students who have completed the course in the academy, or its equivalent.

II. 4. Goethe, Hermann und Dorothea; Scheffel's Der Trompeter von Sakkingen; sight reading.
5. Schiller, Don Carlos; Goethe, Egmont; study of Goethe and Schiller.
6. Lessing, Nathan der Weise; Emilia Galotti.

Four hours per week through the year.

This course will be taught 1897–1898 and is open to students who have completed course I or its equivalent.

III. 7. Modern German Novelists; sight reading.
8. Goethe's Dichtung und Wahrheit; Schiller, Balladen.
9. Goethe's Faust and a study of the Faust Legend,

Four hours per week through the year.

Thss course will be taught 1898–1899.

FRENCH LANGUAGE AND LITERATURE.

I. 1. Joyne's Minimum Grammar. Halevy, Abbe Constantin.
2. Grammar and composition continued; Merimee, Colomba; Saud, La Petite Fadette.
3. Souvestre, Un Philosophe sous les Foits; Lamartine, Jeanne D'Arc.

Four hours per week through the year.

II. 4. The Romantic School; Reading from Hugo and Gautier; Composition.
5. Classic French, Racine, Moliere, Corneille; Composition.
6. Classic French, continued; Realistic fiction in the 19th Century.

Four hours per week through the year.

Open to students who have completed course I or its equivalent. This course will be taught 1897-98.

III. 7. The Drama and Lyric Poetry in the 19th Century.
8. Duval's Histoire de la Literature Francaise; sight reading
9. Classic French, Racine, Moliere, Corneille.

Four hours per week through the year.

This course will be taught 1898-99.

ENGLISH LANGUAGE AND LITERATURE.

The course in English embraces Rhetoric and English Literature. The science of Rhetoric is studied and applied in composition. The critical faculty is cultivated along with the creative. The purpose of the study of Literature is: First, to cultivate a taste for the best literature and an appreciation of what is good in thought or elevated in style; Secondly, to train the student in methods of criticism and original investigation; Thirdly, to give him a knowledge of the hisitorcal development of literature.

I. 1. RHETORIC. This study embraces the elements and principles of rhetoric. Required theme writing. These may be presented for examination and may be read in class. Criticism.—Subjects will be assigned for written work upon Description, Narration, Augmentation. Special attention will be given to Figures of Speech. Fall term four hours per week.

2. LITERATURE. Shakespeare, selected plays read with reference to literary and dramatic form. Attention given to the development of characters. Written analyses. Assignments and required reading. Winter term, five hours per week.

3. ENGLISH LITERATURE OF THE NINETEENTH CENTURY. Collateral reading and reports. Spring term, four hours per week.

II. 4. HISTORY OF ENGLISH LANGUAGE. Text book work. Selections from English authors. Papers and reports. Fall term, four hours per week.

5. ELIZABETHAN LITERATURE. Select readings from Shakespeare's contemporaries. Collateral reading and reports. Winter term, four hours per week.

6. ENGLISH FICTION. Reading and discussion of representative romances and novels. Spring term, four hours per week.

MATHEMATICS.

I. ALGEBRA. The work in Algebra consists of a rapid review of radicals and quadratic equations, followed by the study of arithmetic, geometric, and harmonic progressions, the binomial theorem, the theory of logarithms with their computation and use, choice and chance, some elementary work in the theory of equations, the solution of equations of higher degree than the second, graphs, complex numbers, and determinants. Fall term and first half winter term, five hours per week.

II. TRIGONOMETRY. Plane, analytical, and spherical. In connection with this work, numerous practical problems relating to surveying, navigation, geodosy, and astronomy are done. Last half winter term and spring term, five hours per week.

III. PLANE ANALYTIC GEOMETRY. The work includes straight lines, circles, loci, and the conic sections, together with a discussion of the general equation of the second degree. Prerequisite—Course II. Fall term, four hours per week.

IV. CALCULUS. Differential and Integral. Throughout the work numerous applications of the calculus to geometrical theorems and to practical problems in mechanics and physics will be made. Winter and spring terms, four hours per week.

PHYSICAL SCIENCES.

I. CHEMISTRY. 1. This course will treat of the simple elements, their occurrence, properties, re-actions, and compounds, also the fundamental principles and laws of chemical combination; metals and non-metals; acids, bases, and salts; valence, atomic weight, Charles', Henry's, and Avagadro's laws illustrated with problems. It will consist of class work, supplemented by experimental lectures and by laboratory work. Remsen's text will be used and "Williams' Chemical Experiments, General and Analytical" will be used as a laboratory guide. Each student will be supplied with a complete outfit with which to work. Fall term, four hours per week laboratory and two of class work. To cover cost of chemicals used, a fee of $2 will be charged.

2. General Analytical Re-actions and Qualitative Analysis. As an introduction to the work on unknowns, some time will be spent on the

general analytical re-actions of the metals and further drill in writing equations. Mixtures of compounds in both the solid and liquid form must be determined and in the case of solids the entire compound named. The neutral solution of acids will also be analyzed. Thirty unknowns: twenty metals, five entire compounds, and five acids will be required. Winter term. five hours per week laboratory and two of recitation. Laboratory fee $2 50.

3. Quantitative Analysis will be taught the spring of 1899.

II. Mechanics and Physics. 1. Mechanics. Experimental work and mathematical problems on motion, force, laws of falling bodies, simple machines, pendulum, heat and sound, and the musical scale. Barker's Physics will be used. Prerequisites, Trigonometry and course I. Fall term, four hours per week.

2. Physics. This will consist of a critical discussion of optics, light—its nature and propogation, photometry, reflection and refraction, spectra, polarization of light, and optical instruments. Text the same as above. Winter term, four hours per week.

III. Astronomy. Cosmogony, nebulæ and stars, comets and meteors, theories of planetary motion, the laws of Kepler and Newton and the solar system will be be discussed from a scientific and philosophical standpoint. Young's General Astronomy will be used as the text. Prerequisites, courses I and II. Spring term, four hours per week.

BIOLOGICAL SCIENCES.

I. General Biology. This will deal with the lowest forms of plants and animals, and those strange beings, the bacteria, which occupy the border line between the two. Under plants, the different species of algæ, such as protococcus, oscillaria, œdogonium, clodophera, spiragyra, vaucheria, chara, desmids, and the different varieties of diatoms; also the fungi, such as mucor, penicillium, yeast, smuts, water moulds, mushrooms, toadstools, and others will be thoroughly discussed and studied in the laboratory by the aid of the compound microscope. The microscopic unicellular animals, amœba, paramœcium, monads, etc., will be treated in the same way. No special text is required, but the student is advised to purchase some standard work like Parker, or Huxley and Martin. Permanent mounting and stain-

ing will receive due attention. Laboratory fee $1. Spring term, four hours per week laboratory and two of class work.

II. Comparative Zoology. Specimens of sponge, cœlenterates, starfish, clam, lobster, earthworm, insects, and each of the classes of vertebrates will be furnished each student for individual work in the laboratory. Dissecting trays and tables will be furnished free, but the student must provide himself with scalpel, scissors, needles, etc. To provide material, a fee of $1 will be charged. Orton's Comparative Zoology will be used. Spring term, four hours per week laboratory and two of recitation.

III. Botany II. Physiology, anatomy, and histology of the plant kingdom, mainly cryptogams. A rapid review and examination of the algæ and fungi will be made as a preparation for a complete study of the mosses and liverworts, ferns, gymnosperms and angiosperms. The development of plants, division of labor, differentiation of organs and functions, and other problems relating to life development will be considered. Campbell's text will be used as a guide, supplemented by lectures and readings. Prerequisites, courses I and II. This course will require constant use of the compound microscopes, for which a fee of $1 will be charged. Spring term, four hours per week laboratory and two of recitation.

IV. Advanced Physiology. The physiology of digestion, secretion, circulation, metabolism, and the nervous system are the subjects for consideration. Laboratory work will run parallel with the discussions. Martin's advanced text will be used. Winter term, four hours per week.

V. Comparative Anatomy of Vertebrates. Embryology, ontogeny, philogeny, descent, first appearance and development of the organs and higher physiological functions, and their comparison with invertebrate types, and a critical classification of the animals on an embryological and structural basis will be discussed in classwork, supplemented by lectures. The same regulations apply to this course as to course II. Prerequisites, courses I or III, and II. Four hours laboratory and two class work.

VI. Geology. 1. Structural Geology and Continental Evolution. The geological agencies and dynamic forces which have shaped

and modified the earth; rocks, metallic veins, organic deposits, mountain making periods and theories of formation, continental uplift; origin, history and development of the ocean, lakes and rivers; subterranean water and artesian wells; volcanoes, geysers and earthquakes, with the theories of their causes; the glaciers and their effect on topography, and the history of the great ice age in Europe and America. In addition to the excellent facilities afforded by the museum, the opportunities in Tama county for field work and observation are of the best. Local field geology will be emphasized. Text used, LeConte's Elements of Geology. Fall term, four hours per week.

2. Historical Geology and Paleontology. A discussion of the evolution of the earth through its various stages until life appeared in its most primitive form. Its gradual development in the successive ages until the highest types are reached. Plants and animals as modified by environment and competition. Distributive agencies. Periods and the data for identification. Salt and coal deposits. Special use will be made of the large collection of fossil forms in the museum. Prerequisites, courses II and III. LeConte's text and geological reports. Winter term, four hours per week.

VII. General Plant and Animal Histology. The morphology and histology of the stem, root, leaf, organs of flower, and animal tissues. The student will receive special instruction in hardening, embedding, cutting, staining, and mounting tissues. Permanent slides of each specimen will be required. Laboratory fee $1. Prerequisites, courses I, II, and III. Spring term, four hours per week laboratory and two of lecture and class work.

Equipment. We have one of the best equipped laboratories in the state for general inorganic and analytical chemistry. Each student is provided with a complete outfit of flasks, test tubes, burettes, blowpipe, pneumatic trough, tripod, iron-ring stand, mortars, evaporation dishes, retorts, receivers, and in fact all the latest improvements in the way of apparatus. We have a large list of chemicals, many of them imported from Germany, among them acids, bases, salts, and more than 200 different compounds. In both equipment and material we have duplicated the general chemistry laboratory of the University of Chicago. We recently imported some high grade compound microscopes from

Germany of Reichert make and provided with II and IV eye pieces and 3 and 7a objectives. Each student is provided with an instrument in Botany, General Biology, and Histology, and constant use is made of them in other courses to illustrate various facts.

Museum. The collection contains specimens of many of the common rocks, minerals, ores, and fossils, and is of special value as a study collection. There is a very full set of specimens representing the massive (Igneous) rocks, including a rare lot from an old volcano in the South Mountain region of Pennsylvania. The friends of the College are urgently requested to contribute to the museum.

PREPARATORY DEPARTMENT.

Students entering the Preparatory Department of the College are supposed to have completed the common school studies, including arithmetic, grammar, physiology, civics, and United States history. But for the benefit of those who are fitting themselves to teach these subjects and of those whose preparation in these branches is insufficient to enable them to enter upon the preparatory work of the College profitably, classes will be organized as occasion may demand. The preparatory school is under the direct control of the faculty of the College and aims to prepare the student thoroughly for admission to the several College courses.

PREPARATORY COURSE.

	FALL TERM.	WINTER TTRM.	SPRING TERM.
FIRST YEAR	Latin Lessons I. Physical Geography. English Lessons. English Composition.	Latin Lessons II. Literature. General History. English Composition.	Caesar I. Literature. General History. English Composition.
SECOND YEAR	Latin–Caesar II. Algebra I. Physics I. English Composition.	Caesar III and Prose Composition Algebra II. Physics II. English Composition.	Cicero I. Algebra III. Botany. English Composition.
THIRD YEAR	Latin–Cicero II. Greek or German. Geometry I. English Composition.	Virgil and Prose Composition. Greek or German. Geometry II. English Composition.	Virgil. Greek or German. Geometry III. English Comporition.

PREPARATORY COURSE OF INSTRUCTION.

I. English. Grammatical analysis, work in composition, essays written and read in class, criticism and discussion, elements of rhetoric. Text, Lockwood's English Lessons. Fall term, five hours per week.

II. Literature. 1. Introduction to English Literature. Discussion concerning the different periods of literature, masterpieces of representative authors read and studied, selections committed. Required reading will be duly assigned. Winter term, five hours per week.

2. Text on the History of American literature. In connection with this study the class will read entire selections from the leading authors. Reports on the selections and on authors studied required. Spring term, five hours per week.

HISTORY.

General History. 1. A general survey of Egyptian, Roman, Assyrian, and Grecian history. Special topics assigned for papers. Original investigation encouraged. Winter term, five hours per week.

2. A general survey of English, Spanish, French, and German history. Special topics assigned for original investigation. Spring term, five hours per week.

NATURAL SCIENCE.

I. Elementary Physics. Gage's Elements will be used as a text. There will be four recitations per week and one laboratory period of two hours. The students will perform all the experiments relating to pneumatics, hydrostatics, heat, light, sound, and electricity, and make a complete study and draw an outline map of the system of electric lights, telephone, telegraph, and street railway of our city. Fall and winter terms.

II. Botany. Systematic botany and plant analysis. Discussions and experiments on the seed and its germination, with drawings

of the facts observed; the various organs of the adult plant with their functions; the analysis and identification of 40 flowers, and the preparation of a herbarium of 25 specimens, will constitute the work in this course. Bergen's text. Spring term.

MATHEMATICS.

I. ALGEBRA. 1. The fundamental operations, factoring, simple equations, and fractions.

2. Fractional equations and equations containing more than one unknown term, radicals, and theory of exponents.

3. Quadratic equations, ratio, proportion and variation, and logarithms. Throughout the year, five hours per week.

II. GEOMETRY. 1. Plane Geometry, Wentworth, books I, II, III, or an equivalent.

2. Plane Geometry completed and Solid Geometry begun. Wentworth, books IV, V, VI.

3. Solid Geometry completed. Throughout the work in Geometry particular attention is given to the demonstration of additional theorems for which the student is required to furnish his own proofs. Numerous practical numerical problems in mensuration are also given in connection with the work

Throughout the year, five hours per week.

GERMAN.

1. Thomas' Grammar.
2. Grammar continued; Bernhardt's Noveletten.
3. Storm's Immensee; dictation.

Throughout the year, five hours per week.

Open to students who have taken at least one year of Latin.

LATIN.

Three years' study is required in all courses. Two terms are spent on the elements of the language withCollar and Daniell's "First Latin Book" as text; one term is given to the reading of Viri Romæ, after which the course includes four books of Caesar, forty lessons of Prose Composition, five orations of Cicero, and six books of Vergil. Thorough study of grammar and prosody is insisted upon.

GREEK.

Students who expect to enter college prepared for the Classical course will study Greek for one year; two terms are given to the study of the elements, White's "First Greek Book" being used as text; one term is spent on the Anabasis, in which the first book is completed in connection with daily study in forms and syntax.

THE NORMAL COURSE.

The Normal course is offered to those preparing to teach, who can not take one of the regular courses. It is designed to meet the wants of a large class who are preparing themselves for public school work, and cannot see their way clear to complete a full college course. The students in this department have all the privileges and advantages of the college, and recite in the same classes with the preparatory and college students, so far as the studies are parallel.

The work in Didactics and Pedagogy has special reference to the needs of the common school teacher. The History of Education, Art of School Supervision, and the Philosophy of Education are studied, giving the student a more extended view of the field of the educator, and preparing him for higher work.

Those completing this course receive a diploma, and the professional degree Bachelor of Didactics.

NORMAL COURSE.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FIRST Y'R	Latin Lessons Physical Geography. U. S. History. Elocution.	Latin Lessons. Physiology. English I. English Grammar. Arithmetic.	Caesar I. Civil Government. English II. Arithmetic.
SECOND Y'R	Latin—Caesar II. Algebra I. Physics I. English Composition.	Caesar III and Prose Composition Algebra II. Physics II. General History. English Composition.	Cicero I. Algebra III. Botany I. General History. English Composition.
THIRD Y'R	Latin—Cicero II. German I. Geometry I. English Composition.	Virgil I and Prose Composition. German II. Geometry II. English Composition.	Virgil II. German III. Geometry III. English Composition.
FOURTH Y'R	Logic. Rhetoric. History of Education. Chemistry.	Psychology. English Literature. Pedagogy. Trigonometry.	Ethics. American Literature. Philosophy of Education. Zoology.

CONSERVATORY OF MUSIC.

W. Francis Gates, Director, and Teacher of Voice, Keyed Instruments and Theory.

Alice Harrison, Piano and Organ.

Theo. E. Haase, Stringed Instruments.

P. L. Swearingen, Brass Instruments.

Fred. H. Zalesky, Clarinet.

Western College Conservatory of Music has its home in its own building (Bright Memorial) which has been especially arranged to suit the necessities of Conservatory work. It is centrally located, and contains a concert hall, recital room, and twelve lesson and practice rooms, including Director's office, and is adequately supplied with instruments. The Conservatory (Phillips) Hall, which has a seating capacity of 250, is particularly attractive, having recently been refinished. It has ample stage room and is well lighted and heated, and is a favorite place for public affairs. The larger concerts are given in the U. B. church, a few steps away, which seats 700, where is the large two manual organ used by the Conservatory. The Director has charge of the music in this church, the chorus choir of 35 voices being quite a musical feature of the town.

One great advantage of musical work in a College Conservatory is the atmosphere of study and the literary opportunities that offer themselves. The musical student may here have a choice of collateral studies from Classical, Scientific, Commercial, Elocution, or Plastic Art courses of study.

It is advised that music students carry one literary study, and it is equally advisable that college students, if they have any musical talent, pursue some branch of musical work. Music is the art that appeals to the largest number of people; and a literary education without a knowledge of music is nearly as weak as a musical education without a knowledge of literature.

CURRICULUM.

PIANO. PIPE AND REED ORGAN. VOICE.
CHORUS. HARMONY. GENERAL THEORY. HISTORY.
ORCHESTRAL AND BAND INSTRUMENTS.

PIANO.

The piano, the household orchestra, occupies a place of dignity and value, and should have treatment commensurate with its place as a factor in musical education. The foundation of piano technique is flexibility of the fingers, hand and arm; next comes the acquirement of strength in these members. With this foundation we arrive at a correct and musical touch. Hand gymnastics are great aids in this work and save much of the drudgery of dry, unmusical practice. The Mason system of scale practice makes that task more interesting and valuable.

The piano, as well as other musical work, will be along really musical lines, the selection of *etude*, sonata, and piece work being made with reference to their musical value. While the old classics will live on, much pedagogical music has gone out of date and should be replaced by that which more truly represents the modern spirit and progress. Our plan is to use a minimum of dry technical exercise with a maximum of music, but the flashy and shallow style having no place.

The curriculum is chosen from the standard composers, not omitting modern European and American writers. It is unnecessary to state the list in detail. By the end of the first year pupils should be playing music of the grade of Clementi's Sonatinas; second year, Mozart's Sonatas and Mendelssohn's Songs Without Words; third year, Bach's three-part Inventions, Beethoven's easier Sonatas, Chopin's easier works, Kullak's Octave Studies; by end of fourth year, Bach's Fugues, Chopin's harder works, Beethoven's Sonatas, such as Op. 10, 13, 2¢, etc.

The compositions here named represent in only a general way the stages of advancement. Such works are, of course, accompanied by the necessary technical studies and selections in free forms. To complete the piano course with its adjunct theoretical studies takes pupils of fair talent *about* four years. Credit will be given for all previous study that has been done in a satisfactory manner.

The Conservatory is amply supplied with pianos, and non-resident students are expected to do their practice at the Conservatory.

VOICE.

The voice is the most natural and universal means of musical expression. The basis of good singing is a devitalized and flexible condition of the vocal organs. On this basis the work of "placing" and developing the voice proceeds by gradual but sure steps. The desirable features are flexibility, good quality, clear articulation, strength, and agility, the first two of which being the most important. To obtain these features, written and printed exercises, solfeggios, and vocalises, together with a judicious selection of songs, are used, and as progress permits, selections from opera and oratorio.

The personal peculiarities and necessities of each pupil must be considered more in vocal than in any other musical study. Our work in singing will be prescribed to suit the student's individual needs, and is eclectic, being the Italian method as modified by modern thought and discovery. A specialty is made of English song, for the reason that English well sung is preferable to the treatment frequently given by singers to foreign languages. Good English rather than poor Italian or French. While cultivating the voice a study of elocution is recommended.

CHORAL CLASS The choral class is conducted for the study of musical rudiments and of the earlier stages of singing. All Conservatory students are expected to enter it, irrespective of their vocal ability. Instrumental students have need of this work as much as vocal students, as it has a direct bearing on piano and other musical studies. It is preparatory to private vocal study and for ordinary singing in church and home.

CHORUS. During the past year the chorus, having an enrollment of fifty voices, has been a valuable and interesting feature. Study has been made of some of the standard choral works of Handel, Haydn, Mozart, Gounod, Tours, etc. There is no other one form of music so productive of popular interest and education in music as the chorus. In Western Conservatory it is conducted at an exceedingly slight expense to the students. All who are capable should avail themselves of this advantage.

ORGAN.

Pipe Organ. The large pipe organ in the college church is available for student work during a part of the school year. Here, when pupils are competent, they may have instruction and practice in accompanying solo, chorus, and congregational singing. The course of study is based on the works of Rinck, Buck, and Whiting, and includes instruction in manuals, pedals, and registration

Cabinet Organ. This instrument is often improperly studied and played. It has a field of its own and should have appropriate treatment, in many respects different from the piano. When properly played it is of much value in church and social circles and in musical education. It is here taught so as to be preparatory to piano and pipe organ.

BAND AND ORCHESTRAL INSTRUMENTS.

These are taught by competent instructors When pupils are capable they have opportunity to do practical work in the college or city bands. The violin is especially recommended for study in this division, as many persons who can not have a piano or organ can at slight expense procure a violin and acquire considerable skill. The violin instruction is along the best lines of study.

THEORETICAL AND HISTORICAL STUDIES

Harmony, dealing with chord formation and progression, is a vital part of musical knowledge, and is necessary for the understanding of what one plays or hears. It bears the relation to music that grammar does to language, and hence is an essential part of a musician's equipment. We aim to teach Harmony in an interesting as well as a thorough manner. The text book used is Emery's "Elements of Harmony".

General Theory treats of numerous subdivisions of musical knowledge not included in Harmony or History. It is, perhaps, the most valuable single theoretical study, including, as it does, so many points of practical value to the musician. A short outline of the work is as follows:

First term: Acoustics, notations, musical terms, signs, abbreviations, etc.

Second term: Development of musical forms, ancient and modern forms and styles of composition.

Third term: Forms concluded, character and usage of the various orchestral instruments. Text book, Elson's "Theory of Music".

Musical History. Recognizing the value of a historical knowledge of music, the Director conducts a class in musical history, without charge, for such pupils as wish to acquire a broader view of the subject. This work is done on the reading and lecture plan and is of much value to earnest students. Text book, Mathew's "Popular History of Music".

GENERAL INFORMATION.

Entrance. Although entrance at the beginning of the term is much preferable, pupils may register at any time for the unexpired portion of the current term. On securing the Treasurer's receipt to their registration card, their lessons begin. Tuition fees are required in advance and the full number of

Lessons due a pupil is guaranteed, unless lost by pupil's absence. The teacher will not be responsible for lessons lost by pupil's negligence or misfortune. No deduction for absence the first or last week of the term. Instruction to adults is in the form of *half-hour private lessons* twice per week, though in some special cases lessons may be taken once per week, but in such cases progress is of necessity much slower. When desired, children may study in classes of three, lessons one hour long. A specialty is made of building a correct foundation for children as well as for adults.

Music may be ordered through the Director at a discount of from 10 to 40 per cent. Music bills must be paid at the end of each month.

CONCERTS AND RECITALS.

The following concerts have been given under Conservatory management during the year:

Vocal Recital by Edw. C. Kuss (of Rosa Royal Opera Co).

Musicale, and Lecture by W. H. Harrison, Jr.

Piano Lecture-Recital by Edward Baxter Perry.

Musicale by Teachers and Pupils.

Vocal Lecture-Recital by W. Francis Gates.

Violin Lecture-Recital by Carl Riedelsberger (of Thomas' Orchestra)
Piano Recital by Conservatory Students.
Piano Recital for Graduation.
Musicale before the General Conference of the U. B. Church.
Piano Recital for Graduation.
Conservatory Commencement (with Elocution School).
Commencement Concert.

A College or Conservatory student had this entire course of concerts for $1.50. This again shows the advantage of music study in a College Conservatory.

PUPILS' RECITALS. In addition to the above, there have been students' class recitals every week or two, interspersed with talks by the Director on musical topics. These recitals are of great value to the pupil in acquiring ease and confidence in public appearance. Students are required to attend regularly and to take part in them as directed.

GRADUATION. Those who reach a satisfactory completion of the required work in one or more studies of their choice, together with Harmony, General Theory, and History, and who have a general education the equivalent of the usual high school course, will be granted the Conservatory Diploma.

LIVING EXPENSES are quite low in Toledo. Board and room may be obtained at from $2.25 to $3.50 per week, $2.75 being an ample allowance. With reasonable economy the necessary expenses of a year in the Conservatory need not exceed $225.

RATES OF INSTRUCTION.

	Fall Term.	Winter and Spring Term
Piano, Organ. Voice. Violin. each	$18.00	$15.00
" " " " once per week.	9 50	8 00
Harmony or General Theory (in class). each	5 00	4.00
Chorus Classes (once per week)	1 50	1 50
Piano or Reed Organ Practice, 1 hour per day; per term	3.50	3 50
Pipe Organ Practice, 1 hour per day; per term	5.00	4.00
Diploma Fee		5 00

Correspondence is invited from those desiring musical instruction. Address the President or the Director.

COLLEGE OF COMMERCE.

The practical value of a sound, comprehensive business education cannot be overrated. In importance, it ranks with any training, and should be coupled with them all. To be able to write a rapid business hand, to be prepared to construct a concise, intelligent business communication, to be qualified to adjust complicated business transactions, to understand the principles of law governing all kinds of commercial instruments, and to possess the ability to dispatch with rapidity and accuracy the most intricate business computations, are qualifications of the highest importance, and are the undisputed provinces of a well equipped commercial school.

The course is as follows: In the beginning every student is given $5,000 and transacts business on the same principles as any one entering into business in real business life, by opening an account with the bank, renting his store, buying his stock of goods, etc. This work is so arranged that every transaction is explained in the guide, so that the dullest student sees clearly just what is to be done without the least hesitancy.

After working sets in the general Jobbing, Wood and Coal, Hay and Grain, Grocery, and Furniture business, the student then takes up the work in the following, which are in the

JUNIOR PRACTICAL DEPARTMENT,

in which he enters into business, first as proprietor of a small store with a cash capital of $1,000: After finishing the transactions indicated in the "Guide" he closes this set, known as "Set A", makes out his statements, and sends all his books and papers in for examination. If correct, he begins at once on "Set B" in which he organizes a business firm of two partners, himself investing $500 in cash, and real estate valued at $8,000; his partner invests in cash $500, and Western College railroad stock $5,000. Before closing the set, his real estate and railroad stock being converted into cash, he has a capital of $15,000.

Thus the work advances in a carefully graded system through the three sets,—"C", "D", and "E"—which follow. These sets are differ-

ent in their forms, so as to give the student an opportunity to familiarize himself with various methods of keeping accounts.

A "price list", which is changed every morning, governs the student in all his purchases and sales. Throughout this department dealings are arranged with all the offices named below.

Set "A" includes Day Book, Journal, Cash Book, Ledger, and auxiliary books, which are used in all the sets, as Banking Ledger, Trial Balance, Bill Book, Check, Note and Draft Books.

Set "B" includes Journal, Day Book, Cash Book, and Ledger.

Set "C", Sales Book, Invoice Book, Cash Ledger, and Journal.

Set "D" is a special column Journal and Ledger, condensing set "C" into two books.

Set "E" combines all the transactions into one book called the Complete Account Book.

After completing the above the student is allowed the privilege of keeping the books in the different offices of the

SENIOR PRACTICAL DEPARTMENT.

WHOLESALE HOUSES.

We have two wholesale houses which enlarge our scope of trade. Here all articles of trade are bought and sold in either large or small quantities. The goods are ordered by letter sent through our college post office. The bill of the goods is returned through the same. The settlement is made by buying a bank draft at the bank and remitting the same through the post office, the goods being received at the freight office.

BANK.

Here the student performs the duties of teller, discount and collection clerk, cashier, and bookkeeper.

Business transactions of all kinds are carried on the same as in actual business. Money is received on deposit, checks are paid, bank drafts issued, notes discounted and collected, etc.

The books, sixteen in number, are made especially for banking purposes, prepared at great expense.

COMMISSION HOUSE.

Here he recieves invoices, consignments, and shipments, buys and sells on joint account and commission, makes statements, renders

returns, and settles all claims. In this office we have a set of books made especially for our use.

The branches that students are required to have grades in before completing the course are:

COMMERCIAL LAW.

As a branch of study in the Commercial Course, Commercial Law embraces such statutes as relate to the transaction of ordinary business. Whoever does business of any kind, either for himself or for others, should have sufficient knowledge to enable him to do it legally. Ignorance of law is no excuse for omission, or breach of contract; everyone is supposed to know the law. For lack of such knowledge, men often make mistakes, which not only cause great embarrassment and delay, but involve expense and serious loss.

BUSINESS ARITHMETIC.

This branch receives that attention which its importance demands, and is taught with that special object in view. Drills in *rapid calculation* are given and the most practical methods are employed throughout the work.

BUSINESS CORRESPONDENCE.

Nothing exposes one's ignorance more than his correspondence, or exhibits his abilities so well. A well written letter is of itself a first-class recommendation.

BUSINESS PENMANSHIP.

That good plain writing is the essential element of a business education is questioned by none. Thorough instruction is given in this branch by an experienced teacher of penmanship. The latest forms and methods are used.

GRAMMAR AND SPELLING

are given due attention. Two terms' work in Grammar is required before completing the course.

EXPENSES AND GENERAL INFORMATION.

The tuition for full course in Commercial is $30.00 when paid in advance. When paid in installments it is $12.00 for the first section and $10.00 for each of the others, making a total of $32.00.

The books cost about $8.00. The time for the average student is about six months, although some complete the course in less time. All the general work is done by individual instruction.

Regular classes are conducted in the above branches throughout the year. New classes are formed each term or oftener if the case requires. Other information will be given by addressing the Principal.

SHORTHAND.

"To save time is to lengthen life" is a trite saying universally acknowledged. Not only does shorthand save time, it also saves nervous irritation, the wear and tear inseparable from the tedious plodding and drudgery of longhand writing. As a mere accomplishment, Phonography is by no means to be neglected. If you should never make an hour's practical use of it in your life, it is still worth studying for its own sake. The ability to write 100 words per minute from dictation may be acquired by any intelligent young man or woman in the course of a few months' diligent practice, and this, with the ability to make a correct and intelligent transcript of notes, so written, upon the typewriter, is a guaranty against enforced idleness and an assurance of honorable independence. In this way Phonography may become a stepping stone in your business career.

TYPEWRITING.

Operators on typewriters should understand the mechanism and the proper care of the instruments, the proper touch of the keys, the best method of using the fingers so as to secure the greatest speed, the proper capitalization and paragraphing—in short, a hundred little matters that cannot be understood unless under the supervision of a skillful operator of this wonderfully useful machine. Typewriting is so rapidly taking the place of script, that the skillful use of the typewriter is a necessity in this age of business activity.

The letters are dictated and the student takes them in shorthand, transcribes them on the typewriter, and hands them in for correction.

We use the Remington No. 6 Typewriters in all our Departments.

EXPENSES.

Shorthand and Typewriting, Theory, Dictation, Phrasing, Practical Work in Letter Writing, Business Forms, and Reporting.

One Term	$ 25.00
Two Terms	40.00
Three Terms	45.00

The time necessary to complete the course varies. Each student is allowed to advance as rapidly as his ability will permit.

DIPLOMA.

Before obtaining a diploma from the Shorthand and Typewriting Department, the student must obtain an average of 90 per cent in Spelling, Business Forms, Business Letters, Practical Office Work, Arithmetic, Commercial Law, Grammar, (high school grades taken), and must be able to take dictation from new matter at a rate of 100 words per minute, and the notes must be translated correctly on the typewriter at the rate of 30 words per minute.

BUSINESS PENMANSHIP.

Our aim is to have our students write a plain, rapid business hand, and we are pleased to say that the ability to do this is within the reach of all. None need say that this ability is a special gift; it is something acquired by intelligent, careful practice, and any student who will follow our instructions carefully during the writing hour will without a doubt become a fine business penman.

ARTISTIC PENMANSHIP.

Students who desire a special course in Artistic Penmanship may have it. We do work that would please the eye of the keenest critic. Our course in Freehand Pen Drawing is under an instructor whose work will stand the criticism of any penman.

Other information will be given by addressing the principal of this department.

SCHOOL OF ELOCUTION AND PHYSICAL CULTURE.

MINNE W. GATES, Principal-Elect.

This school teaches the Art of Expression as based on natural laws and gives a thorough and systematic training in all forms of expression.

It is a school for training and culture as well as theoretic instruction and acquirement. Students are not taught an artificial system, but are led to study nature for themselves. The work is suited to the individuality of the pupil, but under general rules.

The course of instruction is thoroughly practical and will be valuable to the student in every-day life as well as in professional work. For those preparing for the ministry, the course in Bible and Hymn Reading is especially adapted. This branch of elocutionary work has been sadly neglected.

Students in the College will find the work of this School helpful to them in their work in the literary societies.

The Art of Elocution cultivates the voice, perfects the articulation and pronunciation, improves the respiration, and gives ease and grace to position and movement. It strengthens the memory, exercises the imagination, and cultivates the taste and judgment.

The exercises in Physical Culture strengthen the lungs, expand the chest, and invigorate all the physical powers.

COURSE OF INSTRUCTION.

JUNIOR YEAR.

FALL TERM. Voice culture, with special drill on the elements of modulation, pitch, time, rate, force, quantity, articulation, and breathing; elementary work on gesture and pantomime; practical application of elementary principles of gesture to selections from standard authors; drill on stage and platform business; recitals by pupils; physical culture: study of play by Shakespeare; English composition.

WINTER TERM. Voice culture, development of different qualities of voice; sight reading, and studies in impersonation; Bible and hymn

reading; physical culture and aesthetic gymnastics; study of play by Shakespeare continued; weekly recitals to give pupils ease and confidence in addressing an audience; general review of work of fall term; English composition and physiology.

SPRING TERM. Voice culture with individual drill: Bible and hymn reading continued; humorous, dramatic, and pathetic recitation and criticism; finishing of play by Shakespeare and presentation of selected scenes; extemporaneous speaking; pantomimic expression; physical culture; practical review of the year's work; English composition.

SENIOR YEAR.

FALL TERM. Advanced work in physical and vocal culture; study of general laws governing all phases of expression; practice of series of movements to develop unity in the action of the whole body and to secure control and co-operation of all agents used in expression; Delsarte system of gesture and philosophy of expression, calculated to eliminate both affected and exaggerated forms of expression; study of play by Shakespeare; recitals; rhetoric.

WINTER TERM. Special course in Bible and hymn reading to eradicate faults peculiar to clergymen; advanced rendering and analysis of classic selections; study of play by Shakespeare continued; dramatic action and physical culture; practice in teaching; public recitals by pupils for practice in presenting all styles of selections; Delsarte philosophy continued; general review; English literature.

SPRING TERM. Evolution of oratory; special work in voice and gesture with individual and private drill; development of the proper action of the mind in speaking: Bible and hymn reading, with practice on sermon delivery; discussion of important questions of the day with criticism; dramatic action; recitals: play by Shakespeare finished and selected scenes presented; lecture on the play by teacher; practical review of the year's work: American literature.

The plays for study during the course will be selected from the following: "Macbeth", "Hamlet", "Merchant of Venice", "Julius Caesar", and "As You Like It".

RECITALS. The weekly students' recitals, to which friends of the pupils and those interested in Elocution are invited, are held in the

pleasant and commodious room in the College where the Elocution classes meet for daily recitation. More elaborate entertainments by the Department are given in Conservatory Hall, which is a bright and artistic room with a large stage.

Pupils' public work will be under the supervision of the teacher, and opportunities to appear in public entertainments will be given as proficiency warrants.

GRADUATION. Those who have completed the course in a satisfactory manner and have given a recital for graduation will be granted the Diploma of the School of Elocution.

Students in this School are subject to the same regulations as those in the College proper, unless especially excused.

Those who desire to do so may take the course in private lessons and thus make more rapid progress.

Private drills given on special work to those who desire it, whether in the regular course or not.

RATES OF TUITION.

Fall term, class lessons daily	$ 10.00
Winter term, " "	8.00
Spring term, " "	8.00
Single private lessons	1 00
Course of 20 private lessons (45 min.)	15.00

College studies in Elocution Course at proportionate College tuition.

For any further information apply to

MINNE W. GATES, Toledo, Iowa.

DEPARTMENT OF ART.

The instruction in this department is designed to educate the mind to the principles of Art, and to train the eye and hand to its practice. The instruction will include the study of Form, Proportion,

Light and Shade, Color and Perspective. The full course embraces three years' work, but students will be promoted as fast as their ability and accomplishments warrant. Those who have had the advantages of instruction will be promoted to that stage of work for which they are fitted.

The Studio is well furnished with plaster casts from the antique, casts of fruits and flowers, geometrical models, outline and shaded studies for drawing from the "flat", and selected studies for painting in Oil, China, or Water Colors, Pastel, and Crayon drawing.

The work of the students will not be taken from the studio until the close of the year. An exhibition of work done in the studio will be held during commencement week.

COURSE OF INSTRUCTION.

FORM—FREE-HAND OUTLINES FROM THE "FLAT".

1. Geometrical and Conventional Forms. 2 Ornament. Foliage. 3. Animal Forms, Human Figures.

PROPORTION—FREE-HAND OUTLINES FROM THE "ROUND".

1. Geometrical Solids. 2. Plaster Casts, Geometrical Figures.

LIGHT AND SHADE.

1. Drawing and Shading from Geometrical Models. 2. Drawing and Shading from Plaster Casts of Fruit, Flowers, Hands, Feet, Faces, and from Casts of Antique Busts.

PERSPECTIVE—CRAYON DRAWING.

1. Portraits. 2. Landscapes. 3. Shaded Drawings from Casts.

WATER COLOR PAINTING AND PASTEL.

1. Landscapes. 2. Fruit, Flowers. 3. Still Life from Objects. 4. Portraits.

OIL PAINTING.

1. From Plaster Casts in Monochrome. 2. Landscape. Fruit, and Flowers from Copy and from Nature. 3. Still Life from Objects.

CHINA PAINTING.

1. Outline designs on Tiles. 2. Conventional Patterns and Naturalistic Designs. 3. Decoration of Tableware.

TUITION.

Portrait painting, per twenty lessons, three hours each	$ 15.00
Painting in oil or water colors, per twenty lessons	10.00
Crayon drawing, per twenty lessons	8.00
Pencil drawing (lessons one hour and a half), per twenty lessons	2.00

STUDENTS.

SENIOR.

Bomgardner, Milton Moses	s	Orangeville, Ill.
Cain, Isaac Newton	c	Elroy, Wis.
Cain, Mary Mutch	c	"
Drury, Philo Walker	c	Dayton, Ohio
Foster, John Eldon	c	Toledo
Porter, George Wesley	p	Scottdale, Penn.
Runkle, Herman Abraham	p	Lisbon
Schoolcraft, Elizabeth May	p	Toledo
Smith, Lucie	p	"
Ward, Edwin Beecher	c	Odon, Ind.

JUNIOR.

Coddington, John W.	c	Princeton, Ill.
Graham, Laura Richie	s	Shueyville
Lichty, John N.	s	Toledo
Oliver, John Henry	c	Fayette
Ward, Charles Fry	c	Odon, Ind.
Wolpert, Louise Jeannette	c	Denver, Col.

SOPHOMORE.

Gageby, Frank Augustus	c	Tama
Harrigan, James Corneal	c	Toledo
Holstead, Grace	c	"
Kemp, Malcolm Edwin	s	"
Mathern, Albert	s	Garwin
Mericle, Clarence Bert	s	Toledo
Nisewonder, John Daniel	c	Mason & Dixon, Penn.
Patterson, Alice Jane	p	Elkader
Shoemaker, Herbert Berlin	c	Toledo
Thompson, James Howard	c	Beaman

FRESHMAN.

Arble, Ethyl	p	Toledo
Beal, Mary	p	"
Berger, Arthur Americus	s	"
Berger, Charles Emmet	c	"
Benson, Ernest Allen	s	Gladbrook
Bielby, Mary Belle	s	Toledo
Bookwalter, Urilla Grace	p	"
Bowman, George Lynn	s	Harrisonburg, Va.
Burns, Lillian Leanore	p	Toledo
Dean, William Morse	s	"
Hedges, Ernest Milton	p	Colo
Hutchison, L. Blanche	c	Toledo
Irons, James Wallace	s	"
Jackson, George Brown	c	"
Jenks, Clarence Alonzo	s	Coon Rapids
Jorgensen, Theodore	s	Britt
Lichtenwalter, Elgin Bruce	s	Toledo
Lupton, John Lawrence	s	"
Omstead, Dorothy	p	Tama
Overholser, John D.	s	Coleta, Ill.
Richards, Roy B.	s	Toledo
Sharpe, Perry Alfred	c	Tama
Smith, James Candee	c	Toledo
Smith, Mabel	s	"
Smith, Mildred Honens	c	"
Talbot, Lois Luella	s	Lake City
Tarwater, Arthur Bosworth	s	Inskip, Tenn.
Thompson, Hollen Samuel	s	Toledo
Vantress, Benjamin Franklin	s	Dover, Ill.
Ward, Arthur Allen	c	Odon, Ind.
Walters, John Perry	c	Toledo
Wyand, Samuel Snyder	c	Eakles Mills, Md.

SENIOR PREPARATORY.

Akin, Angie Eliza		Toledo
Auracher, Charles Edwin		Lisbon

Bear, Wilson G.	Orangeville, Ill.
Berger, William Frank	Toledo
Bookwalter, Phoebe Alice	"
DeMoss, Clarence Warren	Des Moines
Harrison, William Johnston	Toledo
Hart, William Wallace	"
Kephart, Milton Lawrence	Shueyville
Overholser, Julia Shuey	Coleta, Ill.
Stauffer, Wesley Rhinehart	La Moille
Trindle, John Robert	Van Meter
Trindle, William Herschel	"
VanWagner, Eugene B.	Toledo
Wolpert, Grace May	Denver, Col.

MIDDLE PREPARATORY.

Akin, Rilla Irene	Toledo
Benson, Grant Clarence	Gladbrook
Cronk, Nellie May	Toledo
Elliot, Elmore Abraham	"
Emerson, Glenn Willford	Douglas
Jackson, David Raleigh	Montour
Johnson, Neal	Moravia
Jones, Arthur Oscar	Blockton
Mohn, Russell Reitzel	Mt. Vernon, S. D.
Newland, Josephine	Wellman
Ocker, J. Miner	Orangeville, Ill.
Porter, Margrett Anna	Scranton
Skrable, Joseph Martin	Elberon
Talbot, Elizabeth Anna	Lake City
Wells, Mabel Ellen	Westgate
Winders, Walter Samuel	Toledo
Woodward, Herbert Nelson	"
Yessler, Joseph Urvin	Shueyville

JUNIOR PREPARATORY.

Behrens, Charles Frederick	Manchester
Blackburn, William Stewart	Sumner

Coddington, Charles James	Princeton, Ill.
Cramer, Hiram Walter	Bagley
Calloway, Edwin Thomas	Whitten
Day, William E	Toledo
Day, Simon Morris	"
Dickman, Lester Albert	Westgate
Dickman, Mabel Mary	"
Dilree, Ray Evans	Evansville, Wis.
Dilliner, Harry	Eddyville
Davison, Arthur Orlando	Walnut City
Davidson, William James	Toledo
Duguid, William Henry	"
Ebersole, William Burdette	"
Ebersole. George H.	"
Gray, Homer Malvin	Brooklyn
Goodhile, George Nichols	Manchester
Haught, James Ellsworth	Osterdock
Hayes, Ira Edward	Hamilton
Hecht, Emil Claus	Dysart
James, Henry	Winterset
Johnson, Alvin Nelson	Compton, Ill.
Johnson. Charles Albert	Bussey
Kerr, L. G Elmer	Bluff Creek
Kline, John Alvin	Conrad Grove
Kupka, Anthony John	Chelsea
Lewis, Tracy Garfield	Des Moines
Moore, William	Toledo
McCoy, Harry Lewis	Moravia
McConaughy, James Melvin	Olin
Moser, Cyrus Ira	Bluff Creek
Miller, Harley Travy	Delaware Center
Parsons, Harry Clifford	Elberon
Roe, Barnette Freeman	Winnebago City, Minn.
Roush, William	Van Orin, Ill.
Riddell, Lowell Silas	Webster
Shaffer, Ernest Leonard	Cedar Falls

Stump, Wilbur	Toledo
Smith, Sankey John	Van Meter
Tarr, Frederick Augustus	Iconium
Williamson, Sarah Belle	Elberon
Wendle, Frank Roy	Toledo
Wood, Naomi Mary	"
Zimmerman, Wilbur Leslie	Scranton

Normal.

Anderson, Marion Jane	Penrose, Ill.
Bowles, Lillyan Maybelle	Toledo
Ebersole, Maude Vary	"
Eggleston, Jennie T.	Whitten
Galentine, May	Rhodes
Goodrich, Floyd Calvin	Scranton
Goodrich, Zadie Viola	"
Hess, Henah	Gladbrook
Hertrich, Emma Francena	Gunder
Horn, Della	Phillips, Neb.
Lamb, Cassie Alwildy	Toledo
Lamb, Elizabeth Belle	"
Lathrop, Lela May	"
Lewis, Jessie	"
Murphy, Edna	Tama
Peterson, Bert Martin	Scranton
Ross, Blanche	Traer
Tullis, Minnie Ethel	Woodburn
Wick, Jennie Linn	Lake City

Conservatory of Music.

PIANO.

Louthan, Mary Theresa (graduate student)	Toledo
Berger, Carrie May	"

Bissell, Mable Clare	Tama
Bomgardner, Mary Frances	Orangeville, Ill.
Bonwell, Mae Dora	Toledo
Bookwalter, Alice	"
Bookwalter, Lulu	"
Bookwalter, Ruth	"
Boyle, Iola	"
Fawcett, Kate	"
Harrison, Alice	"
Hertrich, Emma Francena	Gunder
Horn, Della	Phillips, Neb.
Johnston, Olive Zola	Milledgeville, Ill.
Mason, Cora Anna	Toledo
Maxwell, Frank A.	Hanley
McCormick, Cora Blanche	Toledo
Parker, Florence	"
Raymond, Lester	Malcom
Rebok, Cloe	Toledo
Richards, Roy B.	"
Ross, Blanche	Traer
Runkle, Carrie May	Lisbon
Runkle, Maud Estelle	"
Smith, Ruth	Toledo
Wick, Jennie Linn	Lake City

SINGING.

Akin, Angie	Toledo
Akin, Rilla	"
Beal, Mamie	"
Behrens, Charles F.	"
Bomgardner, Mary Frances	Orangeville, Ill.
Bookwalter, Alice	Toledo
Bowles, Lillyan Maybelle	"
Bratton, Harry	"
Cannom, W. L.	"
Colebeck, Edward L.	"
Davidson, Arthur	"

Day, Simon M.	Toledo
Dickman, Mabel	Westgate
Donat, Walter Scott	Toledo
Ebersole, Maude Vary	"
Graham, Laura	Shueyville
Harrigan, James Corneal	Toledo
Horn, Della	Phillips. Neb.
Johnston, Olive Zola	Milledgeville, Ill.
Jones, Arthur Oscar	Blockton
Mason, Cora Anna	Toledo
Maxwell, Frank A.	Hanley
Miller, Harley T.	Delaware Center
Parker, Florence	Toledo
Parsons, H. C.	Elberon
Patterson, Alice	Elkador
Pine, Leslie A.	Gladbrook
Raymond, Lester	Malcom
Rebok, Cloe	Toledo
Rebok, Lona	"
Roe, Barnette F.	Winnebago City. Minn.
Runkle, Carrie May	Lisbon
Smith, Ethel	Toledo
Smith, Etta	"
Smith, Lucie	"
Smith, Ruth	"
Soth, Florence	"
Wendell, Frank Roy	"
Wick, Jennie Linn	Lake City

THEORETICAL STUDIES.

Bissell, Mabel Clare	Tama
Bomgardner, Mary Frances	Orangeville, Ill.
Harrison, Alice	Toledo
Hertrich, Emma Francena	Gunder
Horn, Della	Phillips, Neb.
Johnston, Olive Zola	Milledgeville. Ill.

Mason, Cora Anna	Toledo
Maxwell, Frank A.	Hanley
McCormick, Cora B.	Toledo
Prescott, Alfred W.	Montour
Richards, Roy B.	Toledo
Runkle, Carrie May	Lisbon
Runkle, Maud Estelle	"
Smith, Maud	Toledo
Smith, Ruth	"
Wick, Jennie Linn	Lake City

Commercial Department.

SENIOR PRACTICAL.

Alcorn, Sadie	West Union
Dudley, Josia	Toledo
Grau, Lillian	Toledo
Hecht, Henry	Dysart
Hilton, Leroy P.	Tama
Kosta, John	Chelsea
Krezek, Michael	Toledo
Kucera, Ernest J.	Tama
McConaughy, James	Olin
Mericle, John W.	Toledo
Morton, Claude J.	"
Pugsley, Myrtle	"
Raymond, Lester P.	Malcom
Reeder, Christamey	West Union
Reeder, John	"
Reeder, Robert D.	"
Stanbrough, Riley C.	Whitten
Stocking, G. Arthur	Tama

JUNIOR PRACTICAL.

Foster, Jesse	Toledo
Hathaway, Martin	"
Hecht, Julius	Dysart

Smith, Sankey J.	Van Meter
Struble, Herbert G.	Toledo
Williams, Harry	Van Orin, Ill.

THEORETICAL.

Cory, L. P.	Clear Lake
Hart, Mae M.	Toledo
Krause, Mae	Chelsea
Wells, Ira J.	Russell

SHORTHAND.

Baxter, Jesse	Toledo
Edwards, Walter	"
Fuller, Arthur	"
Hart, Mae M.	"
Hilton, Leroy P.	Tama
Krause, Mae	Chelsea
Kucera, Ernest J.	Tama
Parker, Blanche	Toledo
Runkle, Maud	Lisbon
Stocking, G. A.	Tama
Williams, E. P.	Toledo

School of Oratory and Physical Culture.

SENIORS.

Anderson, Marion Jane	Penrose, Ill.
Bowles, Lillyan Maybelle	Toledo
Clark, Susie Louise	"
Ebersole, Maude Vary	"
Overholser, Julia Shuey	Coleta, Ill.
Wick, Jennie Linn	Lake City
Wolpert, Grace May	Denver, Col.

JUNIORS.

Arble, Irene	Toledo
Beal, Mamie	"
Bates, Grace	"
Boynton, Florence	"

Bishop, Edith	"
Cain, Isaac Newton	Elroy, Wis.
Cain, Mary Mutch	"
Goodhile, G. N.	Manchester
Goodrich, Zadie	Scranton
Hertrich, Emma Francena	Gunder
Harold, Marguerite	Toronto, Canada
Jorgenson, Theodore	Britt
Lamb, Lizzie	Toledo
Lathrop, Lela	"
McClelland, Laura R.	"
Omstead, Dorothy	Tama
Ross, Blanche	Traer
Ross, Mabel	Toledo
Runkle, Carrie May	Lisbon
Runkle, Herman A.	"
Smith, Mabel	Toledo
Tullis, Ethel	"
Talbot, Lois	Lake City
Wendle, Roy	Toledo
Zimmerman, W. L.	Scranton

SUMMARY.

COLLEGE.

Seniors	10	
Juniors	6	
Sophomores	10	
Freshmen	32	58

PREPARATORY.

Seniors	15	
Middle	18	
Juniors	45	
Normal Students	19	97

CONSERVATORY OF MUSIC.

Conservatory of Music	54

COLLEGE OF COMMERCE.

College of Commerce	34

SCHOOL OF ORATORY AND PHYSICAL CULTURE.

Students	32

ART.

Students	4
Grand Total Enrollment	282
Names Counted Twice	45
Net Enrollment	237

DEGREES CONFERRED 1896.

A. B

Alfred G. Bookwalter . . New Haven, Conn.

B. D.

Frank K. Long . . . Iowa City

M. S.

E. R. Smith Toledo

ALUMNAL ASSOCIATION.

President . Mary T. Louthan, M.L., Class of '88

Vice President . Edna Thompson Rebok, B L, Class of '88

Recording Secretary . W. A. Smith, B.S., Class of '90

Historical Secretary . Esther Butler Austin, B S., Class of '88

Treasurer . . Charles D. Baker, B.S., Class of '89

TRUSTEES.

Thomas D. Wilcox, B.L., Class of '88 . Term expires June, '99

Robert E. Williams, A.M., Class of '72 . . Term expires June, '97

Richard L. Purdy, A. B., Class of '94 . Term expires June, '98



MAIN BUILDING.

CATALOGUE

OF

WESTERN COLLEGE

FOR THE YEAR

1897-98.

TOLEDO, IOWA
PUBLISHED BY THE COLLEGE
1898

GREETING TO FRIENDS.

The faculty of Western College appreciate the growing interest everywhere manifest among the friends of the institution. The students join in this expression of recognition of general and hearty co-operation. It is confidently expected that the year to come will see even greater activity in promoting the welfare of the college. The increased internal life and steady financial advancement of the recent years have brought new purpose and inspiration to all, both managers and patrons.

Those in management kindly ask:

That friends everywhere, especially pastors of the co-operating territory, actively join in sending young people to the college.

That a general and liberal response be made to the present effort to liquidate the debt.

That it may be the special desire and prayer of all that unusual success in all lines may be achieved by Western College the coming year.

CALENDAR.

1898

Fall Term will begin	Wednesday, September 14
Fall Term will end	Tuesday, December 20

WINTER VACATION, TWO WEEKS.

1899

Winter Term will begin	Tuesday, January 3
Day of Prayer for Colleges	Thursday, January 26
Winter Term will end	Friday, March 24

SPRING VACATION.

Spring Term will begin	Tuesday, March 28
Spring Term will end	Thursday, June 15

SUMMER VACATION, THIRTEEN WEEKS.

Fall Term will begin	Wednesday, September 13
Fall Term will end	Tuesday, December 19

1899

Baccalaureate Sermon, 10:30 a. m. June 11.
Christian Association Anniversary, 8 p. m. June 11.
Anniversary of Literary Societies, 8 p. m. June 12.
Annual Meeting of Board of Trustees, Tuesday, 10 a. m. June 13.
Field Day, June 13.
Alumnal Meeting, 8 p. m. June 13.
Exercises of Graduates of the Normal Course, 9:30 a. m. June 14.
Graduating Exercises of Conservatory and School of Oratory, 8 p. m. June 14
Commencement, 9:30 a. m. June 15.
Commencement Concert, 8 p. m. June 15.

CORPORATION.

TRUSTEES.

Iowa Conference.

REV. M. R. DRURY, A. M., D. D. — REV. L. B. HIX

REV. W. I. BEATTY, A. M., D. D.

Des Moines Conference.

REV. GEO. MILLER, D. D. — REV. L. H. BUFKIN

A. H. SHAMBAUGH

Rock River Conference.

REV. J. GROFF — J. W. BOGGESS

D. C. OVERHOLSER

Minnesota Conference.

REV. G. H. VARCE — WM. O. HANEY

REV. U. A. COOK

Wisconsin Conference.

REV. IDA RICHARDS — REV. J. H. RICHARDS

THOS. GILLINGHAM

Alumnal Association.

REV. R. L. PURDY, A. B. — T. D. WILCOX, B. L.

REV. R. E. WILLIAMS, A. M.

Trustees at Large.

LEANDER CLARK — JOSEPH STORM

FRANZ HERTRICH

DIRECTORS.

A. H. DOLPH — E. R. SMITH

E. C. EBERSOLE — G. M. MILLER

OFFICERS OF THE CORPORATION.

Rev. George Miller, D. D.	President
Daniel Reamer	Secretary
S. R. Lichtenwalter	Treasurer

Executive Committee.

President L. Bookwalter, Chairman
Daniel Reamer, Secretary
E. R. Smith
W. F. Johnston
D. McIntyre
S R. Lichtenwalter
Leander Clark

Treasurer.

S. R. Lichtenwalter

Assistant Treasurer and Book Keeper.

Daniel Reamer

Janitor.

S. M. Day.

FACULTY.

REV. LEWIS BOOKWALTER, A. M., D. D., President,
Professor of Philosophy.

BENJAMIN F. McCLELLAND, A. M., Vice President,
Professor of English Literature and History.

EDWARD L. COLEBECK, A. M.,
Professor of the Latin Language and Literature.
(On leave of absence at University of Chicago.)

MAUD FULKERSON, A. M.,
Professor of Modern Languages.

RAYMOND E. BOWER, Ph. B.,,
Professor of Mathematics.

BENJAMIN A. SWEET, M. S.,
Professor of Natural Science.

HENRY W. WARD, A. M.,
Professor of the Greek Language and Literature and Assistant in Philosophy.

REV. W. I. BEATTY, A. M., D. D.,
Instructor in Biblical History.

WILLIAM ROSS MORROW, A. B.,
Assistant Professor in Greek and Latin.

W. FRANCIS GATES,
Director of Conservatory of Music.

MINNE GATES,
Instructor in Elocution and Oratory.

KATHERINE L. REAMER,
Instructor in Drawing and Painting.

HENRY B. TRINDLE, M. Acc's,
Principal of College of Commerce.

WILBUR L. ZIMMERMAN,
Librarian.

LECTURERS.

HON. L. G. KINNE, LL. D.,
Lecturer on Criminal Law and Law of Real Property.

BISHOP E. B. KEPHART, D. D., LL. D.,
Lecturer on Christian Evidences.

GEORGE M. MILLER, A. M.,
Lecturer on Sociology.

BISHOP J. W. HOTT, D. D., LL. D.,
Lecturer on Biblical Antiquities.

W. M. BEARDSHEAR, LL. D.
Lecturer on Ethics.

HON. E. C. EBERSOLE, A. M., LL. D.,
Lecturer on Constitutional Law.

E. R. SMITH, M. S., M. D.,
Lecturer on Physiology and Hygiene.

GENERAL INFORMATION.

Historical.

The first steps toward founding Western College were taken by the Iowa Annual Conference of the United Brethren in Christ, held at Muscatine, in August, 1855. The school was located at Western, Linn County, on February 11, 1856, and was incorporated under the laws of the state in the following month. The work on the college building was pushed vigorously, and on January 1, 1857, the doors were opened for the reception of students. The College was removed to Toledo in 1881, and the new building was ready for occupancy in September, 1883. On Christmas night of 1889, the main College building, with all its contents, except the library, burned to the ground. The present structure was immediately begun, and stands a monument to the liberality of the people of Toledo and the Church, and to the energy of the authorities in charge.

Control.

Western College is controlled by a corporative board, composed of representatives from the Alumni, five co-operative conferences of the United Brethren Church, and three trustees at large.

Purpose.

While no sectarian principles are sought to be imposed upon the student, a correct moral and Christian character is regarded as a matter of the utmost importance, and all diligence will be employed to secure this very desirable result. The completest liberty is granted to the religious convictions of each individual and denomination. The design is to afford to all who will strive for it the opportunity of gaining a liberal education, under healthful moral influences.

The Location

is admitted to be one of the choicest in the central Northwest. Toledo is the county seat of Tama county, and is situated on the Chicago & Northwestern railway, about fifty-five miles west of Cedar Rapids and twenty miles east of Marshalltown. The city is in the midst of a rich agricultural district, which insures prosperous life and permanent growth. The situation is healthful and beautiful. The citizens are intelligent, cultured, and progressive. The business men are public spirited and accommodating. The moral influence of the community is surpassed by none. The town has city water works, electric lights, and an electric street car line connecting it with Tama.

Main Building.

The main building, one hundred and fifty by eighty feet, three stories and a basement, is one of the best college buildings in the state. Its large and cheerful recitation rooms, four tasteful and beautiful society halls, choice lecture room, admirable arrangement throughout, and its hot water system of heating in every part, adapt it remarkably well to the aid of the teacher as well as to the convenience and profit of the student.

Bright Conservatory of Music

is tastefully furnished throughout, and takes first rank among buildings of the kind in the state. It is established in memory of Rev. John C. Bright, our first missionary secretary, and one of the first and warmest friends of music and education in the church.

An important and very attractive part of this building is Phillips Music Hall, named for a lover of music and a generous donor toward its erection, Mrs. Ella C. Phillips of Toledo.

Mary Beatty Hall

is the fine boarding hall for young ladies, furnished in modern style. It is a very pleasant home near the main building. It is named in memory of Mrs. Mary Beatty, deceased, who gave liberally toward its erection.

Drury Hall.

Across the street from the College grounds is the young men's hall, a well kept and popular hall for rooming and boarding.

The College Church

is a model of architectural excellence and beauty. It has a seating capacity of about one thousand, is provided with lecture and Sunday school rooms, and is heated by furnace and lighted by electricity. Its internal arrangement and furniture are universally admired. It is furnished with a pipe organ of excellent quality and tone, which is used by the Conservatory of Music.

The Railway Facilities

are excellent. Parties coming to Toledo from the east, west or south may take the Chicago & Northwestern, or Chicago, Milwaukee & St. Paul to Tama, thence to Toledo by electric street railway two miles. Persons from the north may come on the Toledo & Northwestern direct to Toledo.

Three Standard Courses

leading to the usual degrees are offered in the College—Classical, Philosophical, and Scientific; also a Preparatory Course. These afford a wide range of studies. A careful consideration of these, severally, will show a

favorable comparison with similar courses of study in the best institutions of the country.

A Normal Course

leading to the degree of Bachelor of Didactics is offered in addition to the regular college courses. This course will be found to be an admirable preparation for the profession of teaching.

Literary Societies.

There are connected with the College, under the control of the faculty, six literary societies—Philophronean, Young Men's Institute, Alphanean, Cyclomathean, Young Ladies' Athenæum, and Calliopean—the last two consisting of ladies.

The societies are in a flourishing condition. They have four halls, which occupy entirely the third story of the main College building. These are nicely furnished and among the most commodious and tasteful literary halls in the West. In these societies the students may become familiar with parliamentary practice and secure an invaluable discipline in the composition and delivery of literary productions.

Library.

The College library consists of several thousand volumes. The library is open at stated hours for the use of students. Upon the reading tables will be found a large number of the best daily and weekly papers, besides magazines and reviews. Each student pays a library fee of 25 cents a term.

Lectures.

During the year lectures are delivered by eminent specialists on Christian Evidences, Constitutional Law, Biblical Antiquities, Biblical History, Sociology, Ethics, and the Home.

Athletics and Physical Training.

On the College campus there is a fine field for athletic sports. The baseball and football grounds and tennis-courts are all that could be desired, affording opportunity for abundant exercise in pleasant weather. The gymnasium is well supplied with modern apparatus, and has proved very beneficial to the students and the College. This department is managed by the Young Men's Christian Association, under the suprvision of the faculty.

Y. M. C. A. and Y. W. C. A.

Our Young Men's and Young Women's Christian Associations exert important moral and religious influence among our students. They meet weekly in their hall, and all students are invited to become members.

They are conducted by the young people themselves in harmony with the college associations of the land.

Religious Services.

Devotional exercises are conducted in the College chapel every morning, except Saturday and Sunday, at 11:40. Attendance is required.

Divine services are conducted, every Sabbath, in the United Brethren church at 11:00 by the College pastor. All students are required to be present except those who regularly attend elsewhere. Regular services are also held every Sabbath evening.

In the city are five churches, all of which cordially invite the attendance of the students.

Students are welcomed in the Sunday schools, the mid-week church services, and the Young People's Societies of the churches, and in the Bible classes and weekly meetings of the Young Men's and Young Women's Christian Associations of the College.

Attendance at Recitations.

Regularity at recitations is expected of every student. Upon being absent one-tenth of the required recitations of a term in any subject the student will be required to pass a satisfactory examination on the ground covered in his absence in order to retain his registration in that subject.

Absence from one-eighth of the required recitations of a term in any subject will cancel the student's registration in that subject. A committee of the faculty on re-instatement may restore canceled registration upon conditions in each case determined.

Examinations.

Public written examinations are held at the close of each term. An examination must be had before a student can receive a standing in his studies. The grade on examination will count one-third and the average recitation grade two-thirds in the term average. A student whose term average is below 65 per cent in any study must repeat the study with another class or take a second examination after further preparation.

Degrees.

The degrees of A. B., Ph. B. and B. S. are given upon the completion of the corresponding course of study.

The degree of Master of Arts, Master of Philosophy, and Master of Science is conferred on candidates of good moral character who having received the corresponding Bachelor's degree from this or from any college of equal standing, shall complete one of the courses of study indicated below:

I. One year's study in residence at the College with presentation of thesis.

II. Three years' study *in absentia* in lines of work approved by the faculty with presentation of thesis and examination at the College.

III. Completion of course in a professional school of approved standing including the presentation of a thesis; such institutions include Medical, Law, and Divinity schools.

Persons whose graduate study is done *in absentia* and who desire to make application for the Master's degree will communicate with the faculty not later than the first Friday in the spring term of the year in which they would obtain the degree.

Diplomas shall be signed by the faculty only after the fee is paid, which is $5.00 for each of the degrees.

Rooms and Board.

Non-resident students are expected to secure homes at the halls until all the rooms are taken.

Beatty Hall is the college home for girls. The building is a large brick structure and has accommodations for twenty-eight young ladies. The rooms are 12½x15 feet, with closets 3½x7. The rooms are carpeted, thoroughly ventilated, heated with steam, and furnished with bedstead, mattress, wire mattress, commode, toilet set, chairs, table and student's lamp. Bedding is also furnished. Students furnish their own towels and oil.

The purpose is to furnish for young ladies coming from abroad a home under the best of influences, and at the lowest cost at which it can be afforded. Gentlemen also board at Beatty Hall.

Drury Hall is for young gentlemen where young men room and both gentlemen and ladies board. The rooms at Drury Hall are furnished—students providing towels and oil.

Many private families open their houses to students so that abundant accommodations may be secured in town, in style and price to suit the taste of every one. Students rooming in town will be expected to observe the same regulations as those rooming in the College halls. It is always best to secure accommodations through the President before coming to Toledo. In any case, the student upon arrival should call upon the President for information.

Government.

The regulations of the College are few and simple. Students are placed upon their honor and personal responsibility. Special rules are announced from time to time as circumstances may demand.

Additional Items of Interest.

Half tuition is charged for those taking one study.

All dues are payable each term in advance, and will not be refunded except in cases of protracted sickness.

EXPENSES.

TUITION.

Preparatory, Normal and College Classes.

FALL TERM	WINTER TERM	SPRING TERM
$13.00	$12 00	$11.00

For rates of tuition in adjunct departments, see those departments.

ROOMS AND BOARD.

Room rent at Beatty Hall, for each student, per week	$.50
Heating at Beatty Hall, per week	.30
Table board at Beatty Hall, per week	2.10
Room rent at Drury Hall, for each student, per week	.50
Table board at Drury Hall, per week	1.85

At Drury Hall students furnish their own heat.

Board and room in private families from $2.50 to $3.00.

Text books vary in cost from five to twelve dollars per year.

To reduce expenses a number of students board themselves. Not a few secure work in the town by which a part or all of the cost of living is met.

The student can make his expenses at college largely what he may choose. Many of our students, without giving any time to self help, cover all the necessary expenses of the year with from $150.00 to $175.00.

COLLEGE.

Requirements for Admission.

Graduates of approved High Schools and Academies are admitted to the Freshman class without examination on presentation of diploma or certificate of work done. Other students nre admitted on passing a satisfactory examination in the studies named below or on completion of our own preparatory course. Real equivalents for the studies required may be accepted at the discretion of the faculty.

I. ENGLISH. English Lessons (Lockwood). Literature. The examination for 1898 will be upon topics taken from the following selection: Shakespeare's The Merchant of Venice, Burke's Speech on Conciliation with America, Scott's Marmion, Macaulay's Life of Samuel Johnson. In addition to the above, which are to be studed critically, the student is expected to have read intelligently the following. Shakespeare's As You Like it, Defoe's Journal of the Plague Year, Irving's Tales of a Traveler, Hawthorne's Twice Told Tales. Longfellow's Evangeline, George Eliot's Silas Marner.

II. LATIN. Grammar, Allen & Greenough or an equivalent. Reading (a) Viri Romæ; (b) Caesar's Gallic War, four books; (c) Cicero, five orations (d) Virgil's Æneid, six books; (e) Forty Lessons Latin Prose Composition (Jones) or an equivalent.

III. MATHEMATICS. Algebra. Elementary, including quadratics, ratio, proportion, and variation. Geometry, plane and solid, with special attention to original demonstrations.

IV. GREEK. Grammar and Greek Lessons, two terms; Anabasis, one book.

V. GERMAN. Thomas's Grammar, Bernhardt's Noveletten, and Grimm's Maerchen, or equivalents of the above.

VI. NATURAL SCIENCE. Gage's Elements, or an equivalent. Physics, elementary, two terms; laboratory work required. Botany, analysis of forty plants.

VII. HISTORY. Ancient and Mediaeval, two terms, Myers's or an equivalent.

Classical students will omit course V of the above; Philosophical and and Scientifie students will omit course IV.

Admission by Certificate.

It is likely that after 1898 a list of accredited high schools uniform for all the colleges of the state will be made on the basis of the report made to

the last State Teachers' Association by the Committee on the Unification of college entrance requirements. It is expected that the course of study which will entitle a high school to a place upon this list must be not less than four years of thirty-six weeks in length, following the usual elementary course of eight years. The students in said course must not have more than four recitations daily, and the time of at least two teachers must be given exclusively to instruction in high school branches.



CLASSICAL COURSE.

	FALL TERM.	WINTER TERM	SPRING TERM.
FRESHMAN.	Greek. Latin. Algebra. Essays.	Greek. Latin. Algebra and Trigonometry. Essays.	Greek. Latin. Trigonometry. Essays.
SOPHOMORE.	Greek. Latin. Rhetoric. German. Elective: Analytical Geometry. — One req'd. Essays.	Greek or Latin. Literature. Bible. Elective: English Hist'ry, Calculus, German. — one req'd Essays.	Greek or Latin. Literature. Elective: Zoology, German, Calculus. — Two required. Essays.
JUNIOR.	Logic. Chemistry I. Elective: Greek, Latin, German, French, Literature. — Two Req'd. Orations.	Psychology. Chemistry II. Elective: Greek, Latin, German, Pedagogy, French, Literature. — Two required Orations.	Ethics. Political Economy. Elective: Greek, Latin, German, French, Literature, Botany II. — Two required Orations.
SENIOR.	Geology I. Elective: History of Philosophy, History of Civilization, Mechanics, Modern European History, Latin, Greek. — Three req'd.	Geology II. Elective: Theistic Belief, Introduction to Philosophy, Advanced Physics, Constitutional History, Latin, Greek. — Three req'd.	Elective: Sociology, Histology, International Law, Physiological Psychology, Latin, Greek, Advanced Physiology. — Three required

PHILOSOPHICAL COURSE.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FRESHMAN.	German. Latin. Algebra. Essays.	German. Latin. Algebra and Trigonometry. Essays.	German. Latin. Trigonometry. Essays.
SOPHOMORE.	French. Latin. Rhetoric. Elective: German, Analytical Geometry. — One required. Essays.	French. Literature. Bible. Elective: Advanced Physiology. / English History. / Calculus German. / Latin. Comparative Anat'my of Vertebrates — One req'd Essays.	French. Literature. Elective: German, Latin, Zoology. / Calculus. — Two required Essays.
JUNIOR.	Logic. Chemistry I. Elective: Latin. / German. / French. / Literature. — Two required. Orations.	Psychology. Chemistry II. Elective: Latin. German. / French. Literature. / Pedagogy. — Two req'd Orations.	Ethics. Political Economy. Elective: German. / Latin. / French. / Literature. / Botany II. — Two required Orations.
SENIOR.	Geology I. Elective: History of Philosophy. / History of Civilization. / Mechanics. / Modern European History. / Latin. — Three req'd	Geology II. Elective: Theistic Belief. / Advanced Physics. / Introduction to Philosophy. / Constitutional History. Latin. — Three required	Elective: Sociology. / Astronomy. / Histology. / International law, / Physiological Psychology, / Latin. — Three required

SCIENTIFIC COURSE.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FRESHMAN.	German. Chemistry I. Algebra. Essays.	German. Chemistry II. Algebra and Trigonometry. Essays.	German. Zoology. Trigonometry Essays.
SOPHOMORE.	German. French. Analytical Geometry. Rhetoric, Essays.	German. French. Bible. Elective: Calculus. / Literature. / English History. / Chemistry III — One required. Essays.	German. French Botany II. Elective: Literature. / Calculus — One required. Essays.
JUNIOR.	Logic. Mechanics or Comparative Anatomy and Biology. French. Elective: German. / Literature. — One required. Orations.	Psychology. Advanced Physics or Comparative Anatomy and Biology. French Elective: German. / Literature. / Pedagogy. — One required. Orations.	Ethics. General Biology. French. Elective: German. / Literature. / Political Economy. — One req'd. Orations.
SENIOR.	Geology I. Elective: History of Philosophy. / History of Civilization. / Modern European History. / French. — Three req'd	Geology II. Elective: Theistic Belief. / Constitutional History. / French. / Advanced Physics. — Three required.	Elective: Sociology. / Astronomy. / Histology. / Physiological Psychology. / International Law. French. / Advanced Physiology. — Three req'd

All of the Freshmen will recite five hours per week in each study except those of the Scientific course who will recite but four times per week in Chemistry. Through the other three years of all the courses there will be four recitations in each study. For detailed statement of the studies see Departments and Courses of Instruction.

DEPARTMENTS AND COURSES OF INSTRUCTION.

Philosophy.

I. History of Philosophy. The field is well covered—Greek Philosophy, Philosophy of the Middle Ages, and Modern Philosophy. Special attention is given to Modern Philosophy, which is brought down to the present, Falckenberg and others being authorities in the modern field. Library work is done in Aristotle, Bacon, Locke, Kant, Schelling, Lotze, and others. Fall term, four hours per week.

II. Introduction to Philosophy. This course gives the student a general view of the scope, divisions and relations of Philosophy, and is designed also to lead to personal philosophical thought. Text—Stuckenburg's Introduction to the Study of Philosophy. Winter term four hours per week.

Logic and Intellectual Science.

I. Logic. Text—Jevons-Hill. The subject is studied with an eye to the practical application of its principles to reasoning and scientific investigation. Winter term, four hours per week.

II. (1) Psychology. Ladd's Outlines of Descriptive Psychology is used as a text. Topical references are made to standard works, such as Schuyler and Hoeffding.

(2) In the field of Physiological Psychology the authors studied are Ribot and Ladd. The student is expected to report on topics touching the materialistic and spiritualistic views. Winter term, four hours per week.

Political Economy and Social Science.

I. Political Economy. Walker is the chief text. A thorough knowledge of the general principles of the science is sought. No particular political doctrines are advocated, but the aim is to conduct an impartial scientific study of economic questions. Spring term, four hours per week.

II. Sociology. Small & Vincent's text is used as a guide, while Giddings and other authors are studied. The American Commonwealth, Bryce; Profit Sharing, Gilman; Municipal Government in Great Britain, Shaw; and the American Journal of Sociology are used for reference and reports. The purpose is to have the student gain a clear conception of this comparatively new and very important science. Spring term, four hours per week.

Ethics, Evidences, Bible.

I. Ethics. The text is Mackenzie's Manual of Ethics. Along with the study of the admirable outline furnished by this book are discussions and collateral reading. Spring term, four hours per week.

II. Evidences of Christianity. The study of this subject is directed by Fisher's Grounds of Theistic and Christian Belief. Library reading is pursued in such works as First and Fundamental Principles—McCosh, and Harris' Self Revelation of God. Topics are assigned for special study and report. The modern battlefields are entered. Winter term, four hours per week.

III. Bible. During the Sophomore year winter term, four hours per week are given to the study of the English Bible. The fields of history, biography, literature, and doctrine are traversed. Such works as The Beginnings of Christianity by Fisher are at the student's disposal in library work.

History.

I. English History. Special attention is given to the bearing of the development of the English nation and constitution upon the institutions of our own country. Winter term, four hours per week.

II. History of Civilization. Guizot's History of Civilization in Europe is the text. The class are expected to trace at every step contemporary European history. Fall term, four hours per week.

III. International Law may be correctly placed here, since it is emphatically one and a very important phase of the evolution of national life and international relations in the world's history. Woolsey's International Law is the text, with Glenn as leading reference.

Constitutional History also may be elected. Spring term, four hours per week.

Greek Language and Literature.

I. 1. Anabasis and 40 lessons of Prose Composition.
2. Anabasis, grammar reviewed.
3. Homer, Iliad, books I–III.

Five hours per week.

II. 4. Herodotus, book IX.
5. Lysias, selected orations.
6. Xenophon, Memorabilia.

Four hours per week.

III. 7. Æschylus, Prometheus Bound.
8. Demosthenes on the Crown.
9. New Testament or Odyssey.

Four hours per week.

IV. 10. Sophocles, Antigone.
11. Aristophanes, Clouds.
13. Æschines against Ctesiphon.

Four hours per week.

Courses III and IV are given in alternate years.

Latin Language and Literature.

I. 1. Livy, books XXI and XXII.
2. Horace, Odes and Epodes.
3. Quintilian, books X and XII.

Five hours per week.

II. 4. Tacitus, Agricola and Germania.
5. Pliny, selected letters.
6. Cicero, Tusculan Disputations—book I, and selections from De Senectute and De Amicitia.

Four hours per week.

III. 7. Terence, two plays.
8. Elegiac Poets, selections.
9. Virgil, Georgics.

Four hours per week.

IV. 10. Juvenal, satirical poetry.
11. Lucretius, two books.
12. Tacitus, Annals, Reign of Tiberius.

Four hours per week.

Courses III and IV are given in alternate years.

German Language and Literature.

I. 1. Scheffel, Ekkehard; sight reading; composition.
2. Schiller, Die Raeuber, Wilhelm Tell; composition and dictation.
3. Lessing, Minna von Barnhelm; Chamisso, Peter Schlemihl; composition.

Five hours per week through the year.

This course is open to students who have completed the course in the academy, or its equivalent.

II. 4. Goethe, Hermann and Dorethea; Scheffel's Der Trompeter von Saekkingen; sight reading.
5. Schiller, Don Carlos; Goethe, Egmont; study of Goethe and Schiller.
6. Lessing, Nathan der Weise; Emilia Galotti.

Four hours per week through the year.

This course was taught 1897-1898 and is open to students who have completed course I or its equivalent.

III. 7. Modern German Novelists; sight reading.
8. Goethe's Dichtung und Wahrheit; Schiller, Balladen.
9. Goethe's Faust and a study of the Faust Legend.

Four hours per week through the year.

This course will be taught 1898–1899.

French Language and Literature.

I. 1. Joynes' Minimum Grammar. Halevy, Abbe Constantin.
2. Grammar and composition continued; Merimee, Colomba; Sand, La Petite Fadette.
3. Souvestre, Un Philosophe sous les Foits; Lamartine, Jeanne D'Arc.

Four hours per week through the year.

II. 4. The Romantic School; Reading from Hugo and Gautier; Composition.
5. Classic French, Racine, Moliere, Corneille; Composition.
6. Classic French, continued; Realistic Fiction in the Nineteenth Century.

Four hours per week through the year.

Open to students who have completed course I or its equivalent. This course was taught 1897–98.

III. 7. The Drama and Lyric Poetry in the 19th Century.
8. Duval's Historie de la Literature Francedilla; sight seeing.
9. Classic French, Racine, Moliere, Corneille.

Four hours per week through the year.

English Language and Literature.

The course in English embraces Rhetoric and English Literature. The science of Rhetoric is studied and applied in composition. The critical faculty is cultivated along with the creative. The purpose of the study of Literature is: First, to cultivate a taste for the best literature and an appreciation of what is good in thought or elevated in style; Secondly, to train the student in methods of criticism and original investigation; Thirdly, to give him a knowledge of the historical development of literature.

I. 1. RHETORIC. This study embraces the elements and principles of rhetoric. Required theme writing. These may be presented for examination and may be read in class. Criticism—Subjects will be assigned for written work upon Description, Narration, Argumentation. Special attention will be given to Figures of Speech. Fall term, four hours per week.

2. SHAKESPEARE. The following selected plays will be read with special reference to literary form: Macbeth, Othello, Richard III. Attention will be given to the development of characters. Written analyses,

Certain selections will be committed. Required reading with reports. Winter term, four hours per week.

3. American Literature. In connection with the study of choice selections from prominent authors, a text on the "History of American Literature" is used. Lectures will be given on the form and composition of the essay, epic, sonnet, ode, lyric, etc. Collateral reading with reports. Spring term, four hours per week.

II. 4. History of the English Language. Text book work. Selections from English authors. Papers and reports. Fall term, four hours per week.

5. Elizabethan Literature. Select readings from Shakespeare's contemporaries. Collateral reading and reports. Winter term, four hours per week.

6. English Fiction. Reading and discussion of representative romances and novels. Spring term, four hours per week.

Mathematics.

I. Algebra. The work in Algebra consists of a rapid review of radicals and quadratic equations, followed by the study of arithmetic, geometric and harmonic progressions, the binomial theorem, the theory of logarithms with their computation and use, choice and chance, some elementary work in the theory of equations, the solution of equations of higher degree than the second, graphs, complex numbers, and determinants. Fall term and first half winter term, five hours per week.

II. Trigonometry. Plane, analytical and spherical. In connection with this work numerous practical problems relating to surveying, navigation, geodosy and astronomy are done. Last half winter term and spring term, five honrs per week.

III. Plane Analytic Geometry. The work includes straight lines, circles, loci, and the conic sections, together with a discussion of the general equation of the second degree. Prerequisite—Course II. Fall term, four hours per week.

IV. Calculus. Differential and Integral. Throughout the work numerous applications of the calculus to geometric theorems and to practical problems in mechanics and physics will be made. Winter and spring terms, four hours per week.

Physical Sciences.

I. Chemistry. 1. This course will treat of the simple elements, their occurrence, properties, reactions and compounds, also the fundamental principles and laws of chemical combination; metals and nonmetals; acids, bases and salts; valence, atomic weight, Charles', Henry's, and Avagadro's laws illustrated with problems. It will consist



BIOLOGICAL LABORATORY. [26]

of class work, supplemented by experimental lectures and by laboratory work. Remsen's text will be used and "Williams' Chemical Experiments, General and Analytical," will be used as a laboratory guide. Each student will be supplied with a complete outfit with which to work. Fall term, four hours per week laboratory and two of class work. To cover cost of chemicals used a fee of $2 will be charged.

2. General Analytical Re-actions and Qualitative Analysis. As an introduction to the work on unknowns, some time will be spent on the general analytical re-actions of the metals and further drill in writing equations. Mixtures of compounds in both the solid and liquid form must be determined and in the case of solids the entire compound named. The neutral solution of acids will also be analyzed. Thirty unknowns, twenty metals, five entire compounds, and five acids will be required. Winter term, five hours per week laboratory and two of recitation. Laboratory fee, $2.50.

3. Quantitative Analysis will be taught the winter of 1900.

II. MECHANICS AND PHYSICS. 1. Mechanics. Experimental work and mathematical problems on motion, force, laws of falling bodies, simple machines, pendulum, heat and sound, and the musical scale. Barker's Physics will be used. Prerequisites, Trigonometry and course I. Fall term, four hours per week.

2. Physics. This will consist of a critical discussion of optics, light—its nature and propogation, photometry, reflection and refraction, spectra, polarization of light, and optical instruments. Text the same as above. Winter term, four hours per week.

III. ASTRONOMY. Cosmogony, nebulæ and stars, comets and meteors, theories of planetary motion, the laws of Keplar and Newton and the solar system will be discussed from a scientific and philosophical standpoint. Young's General Astronomy will be used as the text. Prerequisites, courses I and II. Spring term, four hours per week.

Biological Sciences.

I. GENERAL BIOLOGY. This will deal with the lowest forms of plants and animals, and those strange beings, the bacteria, which occupy the border line between the two. Under plants, the different species of algæ, such as protococcus, oscillaria, œdogonium, clodophera, spiragyra, vaucheria, chara, desmids, and the different varieties of diatoms; also the fungi, such as mucor, penicillium, yeast, smuts, water moulds, mushrooms, toadstools, and others, will be thoroughly discussed and studied in the laboratory by the aid of the compound microscope. The microscopic unicellular animals, amœba, paramœcium, monads, etc., will be treated in the same way. No special text

is required, but the student is advised to purchase some standard work like Parker, or Huxley and Martin. Permanent mounting and staining will receive due attention. Laboratory fee. $1. Spring term, four hours per week laboratory and two of class work.

II. Comparative Zoology. Specimens of sponge, cœlenterates, starfish, clam, lobster, earthworm, insects, and each of the classes of vertebrates will be furnished each student for individual work in the laboratory. Dissecting trays and tables will be furnished free, but the student must provide himself with scalpel, scissors, needles, etc. To provide material, a fee of $1 will be charged. Orton's Comparative Zoology will be used. Spring term, four hours per week laboratory and two of recitation.

III. Botany II. Physiology, anatomy, and histology of the plant kingdom, mainly cryptogams. A rapid review and examination of the algæ and fungi will be made as a preparation for a complete study of the mosses and liverworts, ferns, gymnosperms and angiosperms. The development of plants, division of labor, differentiation of organs and functions, and other problems relating to life development will be considered. The morphology and histology of stem, root, leaf and organs of flowers, and hardening, cutting, staining and mounting tissues will receive special attention. Permanent mounts of each specimen will be required. Campbell's text will be used as a guide, supplemented by lectures and readings. Prerequisites, courses I and II. This course will require constant use of the compound microscopes, for which a fee of $1 will be charged. Spring term, four hours per week laboratory and two of recitation.

IV. Advanced Physiology. The physiology of digestion, secretion, circulation, metabolism, and the nervous system are the subjects for consideration. Laboratory work will run parallel with the discussions. Martin's advanced text will be used. Spring term, four hours per week.

V. Comparative Anatomy of Vertebrates. Embryology, ontogeny, philogeny, descent, first appearance and development of the organs and higher physiological functions, and their comparison with invertebrate types, and a critical classification of the animals on an embryological and structural basis will be discussed in classwork, supplemented by lectures. The same regulations apply to this course as to course II. Prerequisites, courses I or III, and II. Three hours laboratory and two classwork. Fall and winter terms. Wiedersheim's text, translated by Parker, will be used.

VI. Animal Histology and Zootomy. This course will deal with general histological methods, fixing, staining, embedding, sectioning

and preparing permanent mounts of animal tissues, fresh and alcoholic. This course runs parallel with course V, and permanent slides of the various tissues of the animals studied will be required of each student. Fall term, fifty hours.

VII. Embryology. This course will run parallel with course V during winter term and will supplement it. Each student will select a different animal among the Vertebrates for special study. The development of the egg, its segmentation, the blastula and gastrula stages, with numerous sections and permanent mounts and the appearance of the organs will be closely followed. Special attention will be given to Histological and Organological differentiation. Winter term, forty hours.

VIII. Geology. 1. Structural Geology and Continental Evolution. The geological agencies and dynamic forces which have shaped and modified the earth; rocks, metallic veins, organic deposits, mountain making periods and theories of formation, continental uplift; origin, history and development of the ocean, lakes and rivers; subterranean water and artesian wells; volcanoes, geysers and earthquakes, with the theories of their causes; the glaciers and their effect on topography, and the history of the great ice age in Europe and America. In addition to the excellent facilities afforded by the museum, the opportunities in Tama county for field work and observation are of the best. Local field geology will be emphasized Text used, LeConte's Elements of Geology. Fall term, four hours per week.

2. Historical Geology and Paleontology. A discussion of the evolution of the earth through its various stages until life appeared. Its gradual development in the successive ages until the highest types are reached. Plants and animals as modified by environment and competition. Distributive agencies. Periods and the data for identification. Salt and coal deposits. Special use will be made of the large collection of fossil forms in the museum. Prerequisites, courses II and III. LeConte's text and geological reports. Winter term, four hours per week.

Equipment. We have recently added a new Reichert Microtome and one of their best IIIB microscopes provided with eye pieces II and IV and objectives 3, 7 and $\frac{1}{12}$ (for oil immersion), together with Abbe substage condenser and accessories. The old gymnasium has been put in order and is now used for Biological Laboratory. We have one of the best equipped laboratories in the state for general inorganic and analytical chemistry. Each student is provided with a complete outfit of flasks, test tubes, burettes, blowpipe, pneumatic trough, tripod, iron-ring stand, mortars, evaporation dishes, retorts, receivers, and in fact all the latest improvements in the way

of apparatus. We have a large list of chemicals, many of them imported from Germany, among them acids, bases, salts, and more than 200 different compounds. In both equipment and material we have duplicated the general chemistry laboratory of the University of Chicago. We recently imported some high grade compound microscopes from Germany of Reichert make and provided with II and IV eye pieces and 3 and 7a objectives. Each student is provided with an instrument in Botany, General Biology and Histology, and constant use is made of them in other courses to illustrate various facts.

Museum. The collection contains specimens of many of the common rocks, minerals, ores, and fossils, and is of special value as a study collection. There is a very full set of specimens representing the massive (Igneous) rocks, including a rare lot from an old volcano in the South Mountain region of Pennsylvania. The friends of the College are earnestly requested to contribute to the museum.

PREPARATORY DEPARTMENT.

Students entering the Preparatory Department of the College are supposed to have completed the common school studies, including arithmetic, grammar, physiology, civics, and United States history. But for the benefit of those who are fitting themselves to teach these subjects and of those whose preparation in these branches is insufficient to enable them to enter upon the preparatory work of the College profitably, classes will be organized as occasion may demand. The Preparatory School is under the direct control of the faculty of the College and aims to prepare the student thoroughly for admission to the several College courses.



PREPARATORY COURSE.

	FALL TERM.	WINTER TERM.	SPRING TERM.
FIRST YEAR.	Latin Lesssons I. Physical Geography. English Lessons. English Composit'on.	Latin Lessons II. Literature. General History. English Composition.	Caesar I. Literature. General History. English Composition.
SECOND YEAR.	Latin—Caesar II. Algebra I. Physics I. English Composition.	Caesar III and Prose Composit'n Algebra II. Physics II. English Composition.	Cicero I. Algebra III. Botany. English Composition.
THIRD YEAR.	Latin—Cicero II and Prose Composition. Greek or German. Geometry I. English Composition.	Virgil. Greek or German. Geometry II. English Composition.	Virgil. Greek or German. Geometry III. English Composition.

PREPARATORY COURSE OF INSTRUCTION.

I. English. Grammatical analysis, work in composition, essays written and read in class, criticism and discussion, elements of rhetoric. Text, Lockwood's English Lessons. Fall term, five hours per week.

II. Literature. 1. Introduction to English Literature. Discussion concerning the different periods of literature, masterpieces of representative authors read and studied, selections committed. Required reading will be duly assigned. Winter term, five hours per week.

2. Text on the History of American Literature. In connection with this study the class will read entire selections from the leading authors. Reports on the selections and on authors studied required. Spring term, five hours per week.

History.

General History. 1. A general survey of Egyptian, Roman, Assyrian, and Grecian history. Special topics assigned for papers. Original investigation encouraged. Winter term, five hours per week.

2. A general survey of English, Spanish, French, and German history. Special topics assigned for original investigation. Spring term, five hours per week.

Natural Science.

I. Elementary Physics. Gage's Elements will be used as a text. There will be four recitations per week and one laboratory period of two hours. The students will perform all the experiments relating to pneumatics, hydrostatics, heat, light, sound and electricity, and make a complete study and draw an outline map of the system of electric lights, telephone, telegraph, and street railway of our city. Fall and winter terms.

II. Botany. Systematic botany and plant analysis. Discussions and experiments on the seed and its germination, with drawings of the facts observed; the various organs of the adult plant with their functions; the analysis and identification of forty flowers, and the preparation of a herbarium of twenty-five specimens, will constitute the work in this course. Bergen's text. Spring term.

Mathematics.

I. Algebra. 1. The fundamental operations, factoring, simple equations, and fractions.

2. Fractional equations and equations containing more than one unknown term, radicals, and theory of exponents

3. Quadratic equations, ratio, proportion and variation, and logarithms.

Throughout the year, five hours per week.

II. Geometry. 1. Plane Geometry, Wentworth, books I, II, III, or an equivalent.

2. Plane Geometry completed and Solid Geometry begun. Wentworth, books IV, V, VI.

3. Solid Geometry completed. Throughout the work in Geometry particular attention is given to the demonstration of additional theorems for which the student is required to furnish his own proofs Numerous practical numerical problems in mensuration are also given in connection with the work.

Throughout the year, five hours per week.

German.

1. Thomas' Grammar.
2. Grammar continued; Bernhardt's Noveletten.
3. Storm's Immensee; dictation.

Throughout the year, five hours per week.

Open to students who have taken at least one year of Latin.

Latin.

Three years' study is required in all courses. Two terms are spent on the elements of the language with Collar and Daniell's "First Latin Book" as text; one term is given to the reading of Viri Romæ, after which the course includes four books of Caesar, forty lessons of Prose Composition, five orations of Cicero, and six books of Virgil. Thorough study of grammar and prosody is insisted upon.

Greek.

Students who expect to enter college prepared for the Classical course will study Greek for one year; two terms are given to the study of the elements, White's "First Greek Book" being used as text; one term is spent on the Anabasis, in which the first book is completed in connection with daily study in forms and syntax.

THE NORMAL COURSE.

The Normal course is designed to meet the wants of a large class who are preparing themselves for public school work and cannot see their way clear to complete a full college course. The course has been planned on the assumption that this class has two essential needs: (1) A ready knowledge of all the subjects likely to be found in public school courses of study; and (2) competent guidance in mastering the art of imparting information and the philosophy of education. Carrying out this assumption, the course includes the common school branches and all the subjects usually taught in the High School, and parallel with these are offered courses of a purely professional character, beginning with "Special Methods" in the common branches, nature studies, etc., and embracing such pedagogical problems as Mind Development, Aim of Education, Nature of Interest, Relative Value of Studies, Apperception, etc., and ending with the Philosophy of Education.

Beginning with the school year 1898–99 the Normal School is to be a distinct department of the College, and is to be in charge of a thoroughly competent and professionally trained principal. The students of this department, however, have all the privileges and advantages of the College, and recite in the same classes with the preparatory and College students so far as the studies are parallel.

Those completing this course receive a diploma, and the professional degree Bachelor of Didactics.



NORMAL COURSE OF STUDY.

	FALL TERM.	WINTER TERM.	SPRING TERM
FIRST YEAR.	Reading and Phonics. Physical Geography. U. S. History. English Grammar. Penmanship. Music.	Reading and Methods. Physiology. Arithmetic. English Grammar.	Civil Government. Arithmetic. U. S. History. Special Methods in Science. Drawing.
SECOND YEAR.	Latin Lessons. English Lessons. Algebra. School Management.	Latin Lessons. English Literature. Algebra. General History.	Latin Lessons. English Literature. Algebra. General History.
THIRD YEAR.	Caesar. Geometry. Physics. Elements of Psychology.	Caesar and Composition. Geometry. Physics. General Methods.	Cicero. Geometry. Botany I Political Economy.
FOURTH YR	Cicero and Composition. History of Education. Rhetoric. Chemistry.	Virgil. Pedagogy. Psychology. { Literature. { Chemistry or Biology.	Virgil. Philosophy of Education. Zoology. { Literature or { Ethics.

NORMAL COURSE OF INSTRUCTION.

I. READING. (a) Phonics. 1. Thorough mastering of the forty-four elementary sounds.

2. Practice in diacritical markings as used in Webster's dictionary. The purpose of this work is to furnish the student a scientific basis for teaching the sounds and to aid him in discovering and correcting faults of speech.

(b) Reading. 1. Selections from standard literature will be studied. The elementary principles of literary analysis, laws of style, etc., are, as far as possible, developed inductively. Intelligent oral expression is made an integral part of the work.

2. Application of Phonics.

(c) Method. A series of lessons on the latest and most approved methods of teaching reading.

II. PEDAGOGY. (a) Special Methods in History and Literature, Natural Science, Geography and Reading.

(b) General method. Topics for study: 1. Chief Aim of Education; 2. Relative Value of Studies; 3. Nature of Interest; 4. Concentration; 5. Apperception; 6. Induction; 7. Correllation of Studies.

III. ELEMENTARY PSYCHOLOGY. The work in Psychology consists in the investigation of the phenomena of consciousness and the organization of the subject in its educational bearing.

IV. PHILOSOPHY OF EDUCATION. The history of educational theories and principles, the discussion of education as it existed in the past, and an examination into the development of modern education from the theory and practice of the past; also an examination of the educational systems dominant at the present day.

V. PHILOSOPHY OF EDUCATION. (a) Education in its general idea; (b) Education in its special elements; (c) Education in its particular systems. Text book, Rosenkranz.

VI. MUSIC. Elements, practice in note reading, drills. Two hours per week.

VII. DRAWING. The aim and purpose is to qualify teachers to do elementary work in the school room.

VIII. PENMANSHIP. The object is to acquire a neat and legible style of writing.

Two hours per week.

For other subjects mentioned in Normal course, see Preparatory and College courses.



PHILLIPS MUSIC HALL.

CONSERVATORY OF MUSIC.

W. Francis Gates, Director.

Western College Conservatory of Music has its home in its own building (Bright Memorial) which has been especially arranged to suit the necessities of Conservatory work. It is centrally located, and contains a beautiful and commodious concert hall, recital room, and twelve lesson and practice rooms, including Director's office, and is adequately supplied with instruments. The Conservatory (Phillips) Hall, which has a seating capacity of 250, has ample stage room and is well lighted and heated, and is a favorite place for public affairs. The larger concerts are given in the U. B. Church, a few steps away, which seats 700, where is the large two-manual organ used by the Conservatory. The Director has charge of the music in this church, the chorus choir being one the principal musical features of the town.

One great advantage of musical work in a College Conservatory is the atmosphere of study and the literary opportunities that offer themselves. The musical student may here have a choice of collateral studies from Classical, Scientific, Commercial, Elocution, or Plastic Art courses of study.

It is advised that music students carry one literary study, and it is equally advisable that college students, if they have any musical talent, pursue some branch of musical work. Music is the art that appeals to the largest number of people; and a literary education without a knowledge of music is nearly as weak as a musical education without a knowledge of literature.

Curriculum.

Piano. Pipe and Reed Organ. Voice.
Chorus. Harmony. General Theory. History.
Orchestral and Band Instruments.

Piano.

The piano, the household orchestra, occupies a place of dignity and value, and should have treatment commensurate with its place as a factor in musical education. The foundation of piano technique is flexibility of the fingers, hand and arm; next comes the acquirement of strength in these members. With this foundation we arrive at a correct and musical touch. Hand gymnastics are great aids in this work and save much of the drudgery of dry, unmusical practice. The Mason system of scale practice makes that task more interesting and valuable.

The Piano, as well as other musical work, will be along really musical lines, the selection *etude*, sonata, and piece work being made with reference to their musical value. While the old classics will live on, much pedagogical music has gone out of date and should be replaced by that which more truly represents the modern spirit and progress. Our plan is to use a minimum of dry technical exercise with a maximum of music, the flashy and shallow style having no place in our work.

The curriculum is chosen from the standard composers, not omitting modern European and American writers. It is unnecessary to state the list in detail.

By the end of the first year pupils should be playing music of the first grade of Clementi's Sonatinas.

Second year, the easier Mozart Sonatas and Mendelssohn Songs Without words.

Third year, Bach's two and three-part Inventions, Beethoven's easier Sonatas, Chopin's easier works, Kullak's Octave Studies.

This outline of these three years of work represents in a general way the Normal Course for which the diploma of the course is given, the other requirements of theoretical study, etc., having been met.

For the completion of the full course another year is required, including such work as some of the Bach fugues, Chopin's larger works, such as op. 40, 29 and 31, and Beethoven's Sonatas such as op. 10, 13, 26 and 27.

The compositions here named represent in only a general way the stages of advancement. Such works are, of course, accompanied by the necessary technical studies and selections in free forms. To complete the full piano course with its adjunct theoretical studies takes pupils of fair talent *about* four years. Credit will be given for all previous study that has been done in a satisfactory manner.

The Conservatory is amply supplied with pianos, and non-resident students will secure their practice time at the Conservatory, and not elsewhere, unless making their homes with relatives in the town.

Voice.

The voice is the most natural and universal means of musical expression. The basis of good singing is a devitalized and flexible condition of the vocal organs. On this basis the work of "placing" and developing the voice proceeds by gradual but sure steps. The desirable features are flexibility, good quality, clear articulation, strength, and agility, the first two being the most important. To obtain these features, written and printed exercises, solfeggios, and vocalises, together with a judicious selection of songs, are used, and, as progress permits, selections from opera and oratorio.

The personal peculiarities and necessities of each pupil must be considered more in vocal than in any other musical study. Our work in singing will be prescribed to suit the student's individual needs, and is eclectic, being the Italian method as modified by modern thought and discovery. A specialty is made of English song, for the reason that English well sung is preferable to the treatment frequently given by singers to foreign languages. Good English rather than poor Italian or French. While cultivating the voice a study of elocution is recommended.

Choral Class. The choral class is conducted for the study of musical rudiments and of the earlier stages of singing. All Conservatory students are advised to enter it, irrespective of their vocal ability. Instrumental students have need of this as much as vocal students, as it has a direct bearing on piano and other musical studies. It is preparatory to private vocal study and for ordinary singing in church and home.

Chorus. During the past the chorus, having a large enrollment of College students, has been a valuable and interesting feature. Study has been made of some of the standard choral works of Handel, Haydn, Mozart, Gounod, Tours, as well as of numerous lesser writers. There is no other one form of music so productive of popular interest and education in music as the chorus. In Western Conservatory it is conducted at an exceedingly slight expense to the students. All who are capable should avail themselves of this advantage.

Organ.

Pipe Organ. The large pipe organ in the college church is available for student work during a part of the school year. Here, when pupils are competent, they may have instruction and practice in accompanying solo, chorus, and congregational singing. The course of study is based on the works of Rinck, Buck, and Whiting, and includes the necessary instructions in manual, pedal, and registration to fit students for the position of church organist.

Cabinet Organ. This instrument is often improperly studied and played. It has a field of its own and should have appropriate treatment, in many respects different from the piano. When properly played it is of much value in church and social circles and in musical education. It is here taught so as to be preparatory to piano and pipe organ. The greater scope of the piano need not deter one from learning how to play the cabinet organ properly.

Band and Orchestral Instruments.

These are taught by competent instructors. When pupils are capable they have an opportunity to do practical work in the college or city bands. The violin is especially recommended for study in this division, as many

persons who cannot have a piano or organ can at slight expense procure a violin and acquire considerable skill. The violin instruction is along the best lines of study. Cornet, clarinet and guitar are included under this head.

Theoretical and Historical Studies.

HARMONY, dealing with chord formation and progression, is a vital part of musical knowledge, and is necessary for the understanding of what one plays or hears. It bears the relation to music that grammar does to language, and hence is an essential part of a musician's equipment. We aim to teach Harmony in an interesting as well as a thorough manner. The text books used are Emery's "Elements of Harmony," and Gow's "Structure of Music."

GENERAL THEORY treats of numerous subdivisions of musical knowledge not included in Harmony or History. It is, perhaps, the most valuable single theoretical study, including, as it does, so many points of practical value to the musician. A short outline of the work is as follows:

First term: Acoustics, notations, musical terms, signs, abbreviations, etc.

Second term: Development of musical forms, ancient and modern forms and styles of composition.

Third term: Forms concluded, character and usage of the various orchestral instruments. Text book, Elson's "Theory of Music."

MUSICAL HISTORY. Recognizing the value of a historical knowledge of music, the Director conducts a class in musical history, without charge, for such pupils as wish to acquire a broader view of the subject. This work is done on the reading and lecture plan and is of much value to earnest students. Text book, Mathew's "Popular History of Music," and other standard works for reference.

The above work in General Theory and in Harmony, and the reading course in History is required in both the Normal and the full course.

General Information.

ENTRANCE. Although entrance at the beginning of the term is much preferable, pupils may register at any time for the unexpired portion of the current term. On securing the Treasurer's receipt to their registration card, their lessons begin. Tuition fees are required in advance and the full number of

LESSONS due a pupil is guaranteed, unless lost by pupil's absence. The teacher will not be responsible for lessons lost by pupil's negligence or misfortune. No deduction for absence the first or last week of the term. Instruction is in the form of *half-hour private lessons* twice per week, though in some special cases lessons may be taken once per week, but in such

cases progress is of necessity much slower. A specialty is made of building a correct foundation for children as well as for adults.

Music may be ordered through the Director at a discount of from 10 to 40 per cent. Music bills must be paid at the end of each month.

Concerts and Recitals.

Students have occasional opportunities to hear recitals by such artists as Edw. Baxter Perry, Carl Riedelsberger, John Francis Gilder, Edw. Kuss, and by the teachers of the Conservatory and School of Elocution, concert companies, such as the Salisbury Orchestra, Slayton Company, Ottumwa Quartette, and lectures on music and other subjects, as occasion offers.

Students' Recitals. In addition to the above there are frequent pupils' recitals, sometimes for pupils only, and sometimes before the general public. These are occasionally accompanied by descriptive talks by the Director. These recitals are of great value to the pupil in acquiring ease and confidence in public appearance. Students are required to attend regularly and so take part in them as directed. During the senior year of the pupil's course he is required to give a "Recital for Graduation." These have in the past two years proved of great value and interest.

Graduation. Those who reach a satisfactory completion of the required work in one or more studies of their choice, together with Harmony, General Theory, and History, and who have a general education the equivalent of the usual High School course, having given their "Recital for Graduation," will be granted the Conservatory Diploma.

Living Expenses are quite low in Toledo. Board and room may be obtained at from $2.25 to $3.50 per week, $2.75 being an ample allowance. With reasonable economy the necessary expenses of a year in the Conservatory need not exceed $225.

RATES OF INSTRUCTION.

Pupils Under 15 Years of Age.

	Fall Term.	Winter or Spring Term.
Piano, Organ, Voice, or Violin, (2 lessons per week)	$14.00	$11.00
Piano, Organ, Voice, or Violin, (1 lesson per week)	7.00	5.50

Adult Pupils.

Piano, Organ, Voice, or Violin, (2 lessons per week)	$18.00	$15.00
Piano, Organ, Voice, or Violin, (1 lesson per week)	9.00	7.50
Cornet, Clarinet, Guitar, etc., $1.00 less than the rates for Piano lessons		
Harmony or General Theory, in class, each	5.00	4.00
Chorus class	1.50	1.50
Piano or Cabinet Organ Practice, 1 hour per day.	3 50	3.00
Pipe Organ Practice	5.00	4.00
Diploma Fee		5.00

Correspondence invited and inquiries gladly answered. Address the President or the Director.



COLLEGE OF COMMERCE.

HENRY B. TRINDLE, Principal.

The practical value of a sound, comprehensive business education cannot be overrated. In importance, it ranks with any training, and should be coupled with them all. To be able to write a rapid business hand, to be prepared to construct a concise, intelligent business communication, to be qualified to adjust complicated business transactions, to understand the principles of law governing all kinds of commercial instruments, and to possess the ability to dispatch with rapidity and accuracy the most intricate business computations, are qualifications of the highest importance, and are the undisputed provinces of a well equipped commercial school.

The course is as follows: In the beginning every student is given $5,000 and transacts business on the same principles as any one entering into business in real business life, by opening an account with the bank, renting his store, buying his stock of goods, etc. This work is so arranged that every transaction is explained in the guide, so that the dullest student sees clearly just what is to be done without the least hesitancy.

After working sets in the general Jobbing, Wood and Coal, Hay and Grain, Grocery, and Furniture business, the student then takes up the work in the following, which are in the

Junior Practical Department,

in which he enters into business, first as proprietor of a small store with a cash capital of $1,000: After finishing the transactions indicated in the "Guide" he closes this set, known as set "A", makes out his statements, and sends all his books and papers in for examination. If correct, he begins at once on "Set B" in which he organizes a business firm of two partners, himself investing $500 in cash, and real estate valued at $8,000; his partner invests in cash $500, and Western College railroad stock $5,000. Before closing the set, his real estate and railroad stock being converted into cash, he has a capital of $15,000.

Thus the work advances in a carefully graded system through the three sets,—"C", "D", and "E"—which follow. These sets are different in their forms, so as to give the student an opportunity to familiarize himself with various methods of keeping accounts.

A "price list", which is changed every morning, governs the student in all his purchases and sales.

Set "A" includes Day Book, Journal, Cash Book, Ledger, and auxiliary books, which are used in all the sets, as Banking Ledger, Trial Balance, Bill Book, Check, Note and Draft Books.

Set "B" includes Journal, Day Book, Cash Book, and Ledger.

Set "C", Sales Book, Invoice Book, Cash Ledger, and Journal.

Set "D" is a special column Journal and Ledger, condensing set "C" into two books.

Set "E" combines all the transactions into one book called the Complete Account Book.

After completing the above the student is allowed the privilege of keeping the books in the different offices of the

Senior Practical Department—Wholesale Houses.

We have two wholesale houses which enlarge our scope of trade. Here all articles of trade are bought and sold in either large or small quantities. The goods are ordered by letter sent through our college post office. The bill of the goods is returned through the same. The settlement is made by buying a bank draft at the bank and remitting the same through the post office, the goods being received at the freight office.

Bank.

Here the student performs the duties of teller, discount and collection clerk, cashier, and bookkeeper.

Business transactions of all kinds are carried on the same as in actual business.

The books, sixteen in number, are made especially for banking purposes.

Commission House.

Here he receives invoices, consignments, and shipments, buys and sells on joint account and commission, makes statements, renders returns, and settles all claims.

The branches that students are required to have grades in before completing the course are:

Commercial Law.

As a branch of study in the Commercial course, Commercial Law embraces such statutes as relate to the transaction of ordinary business. Whoever does business of any kind, either for himself or for others, should have sufficient knowledge to enable him to do it legally.

Business Arithmetic.

This branch receives that attention which its importance demands, and is taught with that special object in view. Drills in *rapid calculation* are given, and the most practical methods are employed throughout the work.

Business Correspondence.

Nothing exposes one's ignorance more than his correspondence, or exhibits his abilities so well. A well written letter is of itself a first class recommendation.

Business Penmanship.

That good plain writing is the essential element of a business education is questioned by none. Thorough instruction is given in this branch by an experienced teacher of penmanship.

Grammar and Spelling

are given due attention. Two terms' work in Grammar is required before completing the course.

Expenses and General Information

The tuition for full course is $30 when paid in advance. When paid in installments the first charge is $12, and each of the other two $10.

The books cost about $8.00. The time for the average student is about six months, although some complete the course in less time. All the general work is done by individual instruction.

Regular classes are conducted in the above branches throughout the year. New classes are formed each term or oftener if the case requires. Other information will be given by addressing the Principal.

Diploma.

No one can take a diploma who has not satisfactorily completed the entire regular course. He will also be required to have passed successfully, either in the College Normal Course or elsewhere, an examination in all the common school branches.

Shorthand and Typewriting Department.

"To save time is to lengthen life" is a trite saying universally ackowledged. Not only does shorthand save time, it also saves nervous irritation, the wear and tear inseparable from the tedious plodding and drudgery of longhand writing. The ability to write 100 words per minute from dictation may be acquired by any intelligent young man or woman in the course of a few months' diligent practice, and this, with the ability to make a correct and intelligent transcript of notes, so written, upon the typewriter, is a guaranty against enforced idleness and an assurance of honorable independence.

Operators on typewriters should understand the mechanism and the proper care of the instruments, the proper touch of the keys, the

best method of using the fingers so as to secure the greatest speed—in short, a hundred little matters that cannot be understood unless under the supervision of a skillful operator. Typewriting is so rapidly taking the place of script, that the skillful use of the typewriter is a necessity in this age of business activity.

Expenses.

Shorthand and Typewriting, Theory, Dictation, Phrasing, Practical Work in Letter Writing, Business Forms, and Reporting.

One term	$ 25.00
Two terms	40.00
Three terms	45.00

The time necessary to complete the course varies. Each student is allowed to advance as rapidly as his ability will permit.

Diploma.

Before obtaining a diploma from the Shorthand and Typewriting Department the student must obtain an average of 90 per cent in Spelling, Business Forms, Business Letters, Practical Office Work, Arithmetic, Commercial Law, Grammar, (high school grades taken), and must be able to take dictation from new matter at a rate of 100 words per minute, and the notes must be translated correctly on the typewriter at the rate of 30 words per minute.

Artistic Penmanship.

Students who desire a special course in Artistic Penmanship may have it. We do work that would please the eye of the keenest critic. Our course in Freehand Pen Drawing is under an instructor whose work will stand the criticism of any penman.

SCHOOL OF ELOCUTION AND ORATORY.

MINNE W. GATES, Principal.

This school teaches the Art of Expression as based on natural laws and gives a thorough and systematic training in all forms of expression.

It is a school for training and culture as well as theoretic instruction and acquirement. Students are not taught an artificial system, but are led to study nature for themselves. The work is suited to the individuality of the pupil, but under general rules.

The course of instruction is thoroughly practical and will be valuable to the student in every-day life as well as in professional work. For those preparing for the ministry, the course in Bible and Hymn Reading is especially adapted. This branch of elocutionary work has been sadly neglected.

Students in the College will find the work of this School helpful to them in their work in the literary societies.

The Art of Elocution cultivates the voice, perfects the articulation and pronunciation, improves the respiration, and gives ease and grace to position and movement. It strengthens the memory, exercises the imagination, and cultivates the taste and judgment.

The exercises in Physical Culture strengthen the lungs, expand the chest, and invigorate all the physical powers.

Course of Instruction.

Junior Year.

FALL TERM. Voice culture, with special drill on the elements of force, quantity, pitch, articulation, modulation, quality of voice, and breathing. Elementary work on gesture and pantomime. Practical application of principles of gesture to selections from standard authors. Drill on stage and platform deportment. Study of play by Shakespeare. Physical culture. Recitals by pupils. English composition.

WINTER TERM. Voice development, Sight reading and studies in Impersonation, Exercises in story telling, Bible and hymn reading, Study of play continued, Recitals to give pupils ease and grace in addressing an audience, General review of work of Fall term, Essay on elocution, English composition and physiology.

SPRING TERM. Humorous, dramatic and pathetic recitation and criti-



YOUNG MEN'S INSTITUTE HALL.

cism, Bible reading continued, Finishing of play and presentation of selected scenes, Extemporaneous speaking, Pantomimic expression, Review of year's work, English composition.

Senior year.

FALL TERM. Advanced work in physical and vocal culture. Study of general laws governing all phases of expression. Practice of series of movements to develop unity in the action of the whole body and to secure control and co-operation of all agents used in expression. Delsarte system of gesture and philosophy of expression calculated to eliminate both affected and exaggerated forms of expression. Study of Shakespearian Play. Practice Recitals. Rhetoric.

WINTER TERM. Special course in Bible and Hymn reading to eradicate faults peculiar to clergymen. Advanced rendering and analysis of classic selections. Study of Play continued. Dramatic Action and Physical Culture. Practice in Teaching. Public Recitals by pupils for drill in presenting all styles of selections. Delsarte Philosophy continued. Oration. Review of Shakespearian Play and Sketch of Author's Life. English Literature.

SPRING TERM. Evolution of Oratory. Special work in Voice and Gesture with individual and private drill. Development of the proper action of the mind in speaking. Bible reading with practice on Sermon Delivery. Discussion of important questions of the day with criticism. Dramatic Action. Recitals. Play finished and selected scenes presented with Lecture on Play by Principal. Practical Review of the two years' work. American Literature.

The plays for study during the course will be selected from the following: "Macbeth", "Hamlet", "Merchant of Venice", "Julius Caesar", and "As You Like It".

RECITALS. The bi-monthly students' recitals are held in the College Chapel; members of the School take part in these Programs in Recitations, Dialogues, Scenes from standard plays and Orations.

At the close of the Winter Term the Junior class gives an Annual Recital in Conservatory Hall, a bright and artistic room with a large stage.

In the Spring Term occur the Graduating Recitals of the Senior class.

During the school year of 1898–9 the School of Elocution has given eighteen Public Programs.

Pupils' public work will be under the supervision of the teacher, and opportunities to appear in public entertainments will be given as proficiency warrants.

GRADUATION. Those who have completed the Course in a satisfactory

manner and have given a Recital for Graduation will be granted a Diploma of the School. Fee for diploma, $5.00.

One term of Private Lessons is required during the Winter or Spring Terms of the Senior Year in addition to the regular class work.

Post Graduate Course.

This will cover one years' work of three terms of private lessons. The work will include Advanced Gesture, and Pantomime. Normal Training in all departments of oratorical study. Practice in conducting classes. Extemporaneous Speaking. Practice in Debate. Advanced Vocal Culture. Preparation of current literature for platform presentation. Special work to meet the requirement of the pupil for particular training along any special line.

Requirement as to recital for graduation and diploma fee the same as in ordinary course.

Students in this Department are subject to the same regulations as those in the College proper, unless especially excused.

Those who desire to do so may take the course in private lessons and thus make more rapid progress.

Private drills given on special work to those who desire it, whether in the regular course or not.

Rates of Tuition.

Fall term, class lessons daily	$ 10.50
Winter term, " "	8.00
Spring Term, " "	8.00
Single private lessons	1.00
Course of 20 private lessons (45 min.)	15.00

College studies in Elocution Course not included in Elocution Tuition Fee.

For any furthur information apply to

MINNE W. GATES, Toledo, Iowa.

DERARTMENT OF ART.

MRS. KATHERINE L. REAMER, Instructor.

The instruction in this department is designed to educate the mind to the principles of Art, and to train the eye and hand to its practice. The instruction will include the study of Form, Proportion, Light and Shade, Color and Perspective. The full course embraces three years' work, but students will be promoted as fast as their ability and accomplishments warrant. Those who have had the advantages of instruction will be promoted to the stage of work for which they are fitted.

The Studio is well furnished with plaster casts from the antique, casts of fruits and flowers, geometrical models, outlines and shaded studies for drawing from the "flat", and selected studies for painting in Oil, China, or Water Colors, Pastel, and Crayon drawing.

The work of the students will not be taken from the studio until the close of the year. An exhibition of work done in the studio will be held during commencement week.

Course of Instruction.

Form—Free-Hand Outlines From the "Round".

1. Geometrical and Conventional Forms. 2. Ornament, Foliage, 3. Animal Forms, Human Figures.

Proportion—Free-Hand Outlines From the "Round".

1. Geometrical Solids. 2. Plaster Casts, Geometrical Figures.

Light and Shade.

1. Drawing and Shading from Geometrical Models. 2. Drawing and Shading from Plaster Casts of Fruit, Flowers, Hands, Feet, Faces, and from Casts of Antique Busts.

Perspective—Crayon Drawing.

1. Portraits. 2. Landscapes. 3. Shaded Drawings from Casts.

Water Color Painting and Pastel.

1. Landscapes. 2. Fruit, Flowers. 3. Still Life from Objects. 4. Portraits.

Oil Painting.

1. From Plaster Casts in Monochrome. 2. Landscape, Fruit, and Flowers from Copy and from Nature. 3. Still Life from Objects.



PHILOPHRONEAN HALL.

China Painting.

1. Outline designs on Tiles. 2. Conventional Patterns and Naturalistic Designs. 3 Decoration of Tableware.

Tuition.

Portrait painting, per twenty lessons, three hours each	$ 15.00
Painting in oil or water colors, per twenty lessons	10.00
Crayon drawing, per twenty lessons	8 00
Pencil drawing (lessons two hours), per twenty lessons	3.00

STUDENTS.

College.

Senior Class.

Bookwalter, Ethel	ph	Toledo
Coddington, John W.	cl	Princeton, Ill.
Lichty, John N.	sc	Toledo
Soth, Lauren W.	ph	Toledo
Ward, Charles Fry	cl	Odon, Ind.
Wolpert, Louise Jeannette	cl	Denver, Colo.

Junior Class.

Field, Frank Edson	cl	Dover, Ill.
Gageby, Frank Augustus	ph	Tama
Hammitt, Leon L.	cl	Toledo
Holstead, Grace	cl	Toledo
Mathern, Albert	sc	Garwin
Mericle, Clarence Bert	sc	Toledo
Shoemaker, Herbert Berlin	cl	Toledo

Sophomore Class.

Benson, Ernest Allen	sc	Gladbrook
Berger, Charles Emmet	cl	Toledo
Bowman, George Lynn	sc	Harrisonberg, Va.
Hedges, Ernest Milton	ph	Colo
Hutchison, Lillian Blanche	cl	Toledo
Jackson, George Brown	cl	Toledo
Jorgensen, Theodore	sc	Toledo
Kemp, Malcolm Edwin	sc	Toledo
Lichtenwalter, Elgin Bruce		Toledo
Smith, Mildred Honens	cl	Toledo
Talbot, Lois Luella	sc	Toledo

Freshman Class.

Auracher, Charles Edgar	ph	Lisbon
Ahlbrecht, Alda	ph	Tama
Akin, Rilla	cl	Toledo
Bear, Wilson Grant	ph	Orangeville, Ill.
Bookwalter, Alice	cl	Toledo
Bookwalter, Grace	ph	Toledo
Dean, William Morse	sc	Toledo
De Moss, Clarence Warren	sc	Des Moines

Deal, Claude Stanton	sc	Kent, Minn.
Donat, Walter Scott	cl	Toledo
Gohn, Clayton C.	sc	Joslyn, Ill.
Harrison, William Johnston	ph	Toledo
Lupton, John Lawrence	sc	Toledo
Matheson, George	ph	Toledo
Morton, Charles H.	ph	Toledo
Omstead, Dorothy	ph	Tama
Overholser, Julia Shuey	ph	Coleta, Ill.
Ryan, Norma Isabelle	ph	Tama
Smith, Mabel	ph	Toledo
Stouffer, Wesley Rhinehart	cl	La Moille
Thompson, Hollen Samuel	sc	Toledo
Tibbetts, Charles L.	ph	Toledo
Tibbetts, Nellie B.	ph	Toledo
Trindle, John Robert	cl	Van Meter
Woodward, Herbert Nelson	ph	Cedar Rapids
Walters, John Perry	cl	Toledo
Willett, James H.	cl	Tama
Withington, Ray B.	ph	Toledo
Wolpert, Grace	ph	Denver, Colo.
Yaggy, Jacob H.	cl	Crane Creek
Yessler, Joseph Urvin	ph	Western College

Preparatory Department.

Senior Year.

Akin, Angie Eliza....Toledo
Cronk, Nellie May....Toledo
Cramer, Hiram Walter....Bagley
Emerson, Glenn Willford....Colesburg
Grable, Harold P....Van Meter
Hart, Willam Wallace....Toledo
Johnson, Neal....Moravia
Newland, Josephine....Wellman
Skrable, Joseph Martin....Elberon
Talbot, Elizabeth Anna....Toledo
Winders, Walter Samuel....Toledo

Middle Year.

Behrens, Charles Frederic....Toledo
Benson, Lizzie L....Gladbrook
Breaw, Thomas Gordon....Toledo

Davison, Arthur Orlando.....Walnut City
Dickman, Mabel.....Westgate
Dixon, Phoebe.....Ogden
Gallagher, L. E.....Conrad
Goodhile, George Nicholas.....Manchester
Jackson, David Raleigh.....Montour
Lewis, Tracy Garfield.....Des Moines
Miller, Harley Travy.....Oneida
Mohn, Russell Reitzell.....Mt. Vernon, S. D.
Roe, Barnette Freeman.....Winnebago City, Minn.
Roush, William N.....Bristow
Stouffer, Clyde Homer.....Gladbrook
Taylor, Ernest Clayton.....Janesville, Wis.
Zimmerman, Wilbur Leslie.....Scranton

Junior Year.

Blazek, William F.....Chelsea
Blumenstock, Pauline.....Moravia
Chalupski, Joseph.....Elberon
Coddington, Charles James.....Princeton, Ill.
Convers, Marguerite F.....Sioux City
Day, Simon Morris.....Toledo
Dillree, Ray Evans.....Evansville, Wis.
Ennis, Charles Wilbur.....Toledo
Fee, Ira B.....Toledo
Goodrick, Orlo L.....Scranton
Grim, Harry N.....Gibson City, Ill.
Harn, Albert B.....Moravia
Hartman, Birdie.....Whitten
Hedges, Charles Ray.....Colo
Higgs, Alfred Randolph.....Brough
Hester, Willis E.....Anamosa
James, Henry.....Winterset
Johnson, Ernest S.....Toledo
Johnson, Edna.....Toledo
Kesl, Joseph.....Elberon
Lichtenwalter, Sara.....Toledo
Leush, Charles.....Crystal
Moore, William M.....Toledo
Moravitz, Elizabeth E.....Ogden
Nease, Rolland E.....Winslow
Parmley, James Cyrus.....Grinnell
Richards, Samuel.....Trunello

Randall, Arthur Adelbert.....Eyota, Minn.
Rogers, Ada Anna.....Eagle Point
Roush, Mrs. Emma.....Bristow
Schwab, J. W.....Stilson
Sisson, Albert.....Whitten
Sidwell, Viola M.....Mountain View
Stanfield, George A.....Lake City
Stubbs, Charles R.....Conrad
Thomas, Charles A.....Sewel
Tarr, Frederic Augustus.....Iconium
Tressic, William.....Long Point
Trindle, Henry B.....Van Meter
Ulch, James Joseph.....Elberon
Wendle, Frank Roy.....Toledo
Westfall, Lillian May.....Weldon
Young, Chauncey L.....Bristow

Normal.

Senior Year.

Buck, Frank E.....Toledo
Berger, Edward B.....Toledo
Irons, James Wallace.....Toledo
Jenks, Clarence Alonzo.....Coon Rapids
Speaker, Alvina Leslie.....Toledo
Williams, Blanche Edna.....Gladbrook
Williams, Olive.....Gladbrook

Juniors.

Evans, Edith.....Toledo
Harrison, Anna Louise.....Toledo
Higgs, Letta May.....Brough
Kleespie, Margaret.....Traer
Malin, Elizabeth E.....Tama
Mann, De Arv.....Gladbrook
Palmer, Florence.....Toledo
Randolph, Lillian Florence.....Toledo
Romine, Cora May.....Keota
Reedy, Maude.....Toledo
Rose, Margaret.....Collins
Runkle, Maud Estelle.....Lisbon
Shoop, Gladys Gail.....Anamosa

Sleeter, Charles E.....Toledo
Stacy, Henry Miller.....Medora
Thomas, Gertrude May.....Moville
Wick, Jennie Linn.....Lake City
Yates, Angelina.....Tama
Zimmerman, Maud.....Scranton

Conservatory of Music.

Instrumental.

Blumenstock, Pauline.....Moravia
Bonwell, Mae Dora.....Toledo
Bookwalter, Alice.....Toledo
Breaw, Mrs. Ora.....Toledo
Cummins, Mabel.....Moravia
Hedges, Charles Ray.....Colo
Lathrop, Lelia.....Toledo
Louthan, Mary T. (graduate student).....Toledo
Mohn, Russell Reitzel.....Mt. Vernon, S. D.
Parker, Florence.....Toledo
Patterson, Amy.....Toledo
Rebok, Cloe.....Toledo
Reedy, Floy May.....Garwin
Roush, Emma.....Bristow
Runkle, Maud Esteile.....Lisbon
Saukup, Rose.....Iowa City
Smith, Lucy.....Toledo
Smith, Ruth.....Toledo
Thompson, Grace.....Tama
Wick, Jennie Linn.....Lake City
Wurzbacher, Crista.....Morley

Vocal.

Blumenstock, Pauline.....Moravia
Breaw, Thomas Gordon.....Toledo
Carder, Charles Ellsworth.....Toledo
Cooper, Arthur.....Toledo
Cummins, Mabel.....Moravia
Dixon, Phoebe.....Ogden
Donat, Walter Scott.....Toledo
Emerson, Glenn Willford.....Colesburg
Gallagher, L. E.....Conrad
Hammitt, Leon L.....Toledo

Hedges, Charles Ray.....Colo
Holstead, Grace.....Toledo
Lathrop, Lelia.....Toledo
Lichtenwalter, Frank.....Toledo
Miller, Harley Travy.....Oneida
Mohn, Russell Reitzel.....Mt. Vernon, S D.
Nease, Rolland E.....Winslow
Newland, Josephine.....Wellman
Overholser, Julia Shuey.....Coleta, Ill.
Roush, Emma.....Bristow
Smith, Lucy.....Toledo
Smith, Ruth.....Toledo
Trindle, Henry B.....Van Meter
Wolpert, Grace.....Denver, Col.
Yaggy, Jacob H.....Crane Creek
Zimmerman, Wilbur Leslie.....Scranton

Theory.

Bissell, Mabel Claire.....Tama
Louthan, Mary T. (graduate student).....Toledo
Reedy, Floy May.....Garwin
Runkle, Maud Estelle.....Lisbon
Wick, Jennie Linn.....Lake City

College of Commerce.

Senior Practical.

Foster, Jesse.....Toledo
Reeme, William George.....Toledo
Taylor, Lewis Willard.....Olin
Trindle, Ernest Clyde.....Van Meter
Ulch, James Joseph.....Elberon
Wilimek, Joseph Willard.....Toledo

Junior Practical.

Harlan, Clyde C.....Toledo
Heckt, Julius.....Dysart
Kline, Alvin John.....Toledo
Nevins, William Marcus.....Toledo

Theoretical.

Dowd, Cora Belle.....Toledo
Dragoun, William.....Toledo
Saukup, Rosa.....Iowa City
Tode, William.....Toledo

Wade, Arthur Garfield.....Toledo
Wurzbacher, Christa W.....Morley

Shorthand.

Cummins, Mabel.....Moravia
O'Neil, Davina.....Toledo

School of Elocution and Oratory

Senior Year.

Harrison, Anna Louise.....Toledo
Smith, Mabel.....Toledo

Junior Year.

Auracher, Charles Edgar.....Lisbon
Bonwell, Elizabeth Amanda.....Toledo
Day, Simon Morris.....Toledo
Goodhile, George Nicholas.....Manchester
Higgs, Alfred Randolph.....Brough
Irons, James Wallace.....Toledo
Miller, Harland Travy.....Oneida
Newland, Josephine.....Wellman
Palmer, Florence Alice.....Toledo
Rogers, Ada Anna.....Eagle Point, Ill.
Randall, Arthur Adelbert.....Eyota, Minn.
Romine, Cora May.....Keota
Smith, Mildred Honens.....Toledo
Smith, Etta Maude.....Toledo
Shoop, Gladys Gail.....Anamosa
Skrable, Joseph Martin.....Elberon
Stacy, Henry Miller.....Medora
Stouffer, Clyde Homer.....Gladbrook
Stouffer, Wesley Rinehart.....State Center
Talbot, Elizabeth Anna.....Toledo
Williams, Blanche Edna.....Gladbrook
Woodward, Herbert Nelson.....Cedar Rapids
Wolpert, Louise Jeannette.....Denver, Col.

Irregular Juniors.

Holstead, Grace.....Toledo
Parker, Florence.....Toledo
Smith, Ruth.....Toledo
Smith, Riley.....Toledo
Struble, Grace.....Toledo
Williams, Blanche Edna.....Gladbrook
Williams, Olive.....Gladbrook

Art.

Dickman, Mabel.....Westgate
McClelland, Mrs. Laura.....Toledo
Ramsdell, Kate.....Iowa Falls
Swett, Nellie.....Toledo
Talbot, Lois.....Toledo

SUMMARY.

College.

Seniors	6
Juniors	7
Sophomore	11
Freshmen	31— 55

Preparatory.

Seniors	11
Middle	17
Junior	45— 73

Normal.

Seniors	7
Juniors	19— 26

Conservatory of Music.

Students	52

College of Commerce.

Students	18

School of Elocution and Oratory.

Students	32

Art.

Students	5
Total Enrollment	261
Names counted twice	65
Net Enrollment	196

Degree Conferred, 1897.

A. B.

*Cain, Isaac Newton	Rotufunk, West Africa
*Cain, Mary Mutch	Rotufunk, West Africa
Drury, Philo Walker	New Haven, Conn.
Foster, John Eldon	New Haven, Conn.
Ward, Edwin Beecher	Canton, China

Ph. B.

Porter, George Wesley	Scottdale, Penn.
Runkle, Herman Abraham	Chicago, Ill.
Smith, Lucie	Toledo, Ia.
Ward, Elizabeth Schoolcraft	Canton, China

B. S.

Bomgardner, Milton Moses	Orangeville, Ill.

*Massacred, May 1988.

ALUMNAL ASSOCIATION.

President - - - - Edna Thompson Rebok, B L , Class of '88
Recording Secretary - - - - John E. Foster, A. B., Class of '97
Historical Secretary - - - Mary T. Louthan, M. L , Class of 88
Treasurer - - - - - - Charles D. Baker, B. S , Class of '89

Trustees.

Thomas D. Wilcox, B. L., Class of '88 - - Term expires June, '99
Robert E. Williams, A. M., Class of '72 - - Term expires June, 1900
Richard L. Purdy, A. B., Class of '94 - - Term expires June, '98
First Vice President - - - - - W. B. Arble, M. S., Class of '74
Second Vice President - - - - C. R. Shatto, A. M., Class of '90
Third Vice President - - - - G. W. Porter, Ph. B., Class of '97





CATALOGUE

OF

WESTERN COLLEGE

FOR THE YEAR

1898-99



TOLEDO, IOWA
PUBLISHED BY THE COLLEGE
1899

WORDS TO FRIENDS.

The year has been one of steady progress in the liquidation of debt. The indebtedness of the college has been cut down to the lowest figure reached for years. But the reduction should be much more rapid. The friends of the college are earnestly asked to join with liberal gifts in the work of freeing it of debt. The accomplishing of this is the one present urgent necessity.

The internal conditions are excellent. The growth in the attendance and in the general interest has given new inspiration to the social and intellectual life. The religious tone has been most healthful and vigorous.

All the present conditions are hopeful and assuring. But the further and more rapid advancement looked for will be realized only by all the friends of the school loyally rallying to its support.

The coming year should see the debt lessened by many thousands and the number of students increased by scores.

CALENDAR.

1899.

Fall Term will begin Wednesday, September 13
Fall Term will end Tuesday, December 19

WINTER VACATION—TWO WEEKS.

1900.

Winter Term will begin Tuesday, January 2
Day of Prayer for Colleges Thursday, January 25
Winter Term will end Tuesday, March 20

SPRING VACATION.

Spring Term will begin Tuesday, March 27
Spring Term will end Thursday, June 14

SUMMER VACATION—THIRTEEN WEEKS.

Fall Term will begin Wednesday, September 12
Fall Term will end Tuesday, December 18

The enrollment and registration of students begins on the day preceding the opening of each term.

PUBLIC OCCASIONS.

1900.

Baccalaureate Sermon, 11:00 A.M., June 10.

Christian Association Anniversary, 8:00 P. M., June 10.

Anniversary of Literary Societies, 8:00 P.M., Monday, June 11.

Annual Meeting of Board of Trustees, 10:00 A.M., Tuesday, June 12.

Field Day, Tuesday, June 12.

Alumnal Meeting, 8:00 P.M., Tuesday, June 12.

Exercises of Graduates of the Normal Course, 9:30 A.M., Wednesday, June 13.

Graduating Exercises of Conservatory and School of Oratory, 8:00 P.M., Wednesday, June 13.

Commencement, 9:30 A.M., Thursday, June 14.

Commencement Concert, 8:00 P.M., Thursday, June 14.

CORPORATION.

TRUSTEES.

Iowa Conference—
Rev. M. R. Drury, A.M., D.D. Rev. L. B. Hix, and Rev. W. I. Beatty, A.M., D.D.

Des Moines Conference—
Rev. George Miller, D.D., Rev. G. O. Porter, and A. H. Shambaugh.

Rock River Conference—
Rev. J. Groff, J. W. Boggess, and D. C. Overholser.

Minnesota Conference—
Rev. G. H. Varce, Wm. O. Haney, and Rev. U. A. Cook.

Wisconsin Conference—
Rev. Ida Richards, Rev. J. H. Richards, and Thomas Gillingham.

Alumnal Association—
Rev. R. L. Purdy, A.B., Rev. R. E. Williams, A.M., and T. D. Wilcox, B.L.

Trustees at Large—
Leander Clark, W. W. Runkle, and Joseph Storm.

OFFICERS.

Rev. George Miller, D.D., *President.*
Daniel Reamer, *Secretary.*
S. R. Lichtenwalter, *Treasurer.*
John A. Ward, *Assistant Treasurer and Bookkeeper.*

EXECUTIVE COMMITTEE.

President L. Bookwalter, *Chairman.*
W. H. Withington, *Secretary.*

E. R. Smith, M.D. — W. F. Johnston.
D. McIntyre. — S. R. Lichtenwalter.

Janitors—R. R. Mohn and H. T. Miller.

FACULTY.

REV. LEWIS BOOKWALTER, A.M., D.D., PRESIDENT,
Professor of Philosophy.

BENJAMIN F. McCLELLAND, A.M., VICE-PRESIDENT,
Professor of English Literature and History.

BENJAMIN A. SWEET, M.S.,
Professor of Natural Science.

HENRY W. WARD, A.M.,
Professor of the Greek and Latin Languages.

FLORENCE M. CRONISE, PH.B.,
Professor of Modern Languages.

ROMANZO ADAMS, PH.M.,
Principal of the Normal Department and Professor of Sociology and Political Economy.

J. FRANK YOTHERS, PH.B.,
Professor of Mathematics.

W. FRANCIS GATES,
Director of Conservatory of Music.

MINNE GATES,
Instructor in Elocution and Oratory.

KATHERINE L. REAMER,
Instructor in Drawing and Painting.

JOHN A. WARD, B.S.,
Principal of College of Commerce.

MAUD EBERSOLE,
Instructor in Shorthand and Typewriting.

HARRY C. PARSONS,
Librarian.

LECTURES.

During the year the following lectures have been delivered under the auspices of the Faculty:

H. W. Ward, A.M., Toledo:
"The True Spirit and Method in Study."

Rev. M. R. Drury, A.M., D.D., Toledo:
"How to Write for the Press."

B. A. Sweet, M.S., Toledo:
"The Influence of Environment on Human Progress."

Hon. S. C. Huber, Tama:
"Washington and Lincoln."

B. F. McClelland, A.M., Toledo:
"A New Poet and His Songs."

W. F. Gates, Toledo:
"Music as an Intellectual Factor."

John A. Ward, B.S., Toledo:
"Modern Commercial Tendencies."

Romanzo Adams, Ph.M., Toledo:
"Making the World Better."

E. R. Smith, M.S., M.D., Toledo:
"The Physician, an Ethical Factor in Society."

GENERAL INFORMATION.

HISTORICAL.

The first steps toward founding Western College were taken by the Iowa Annual Conference of the United Brethren in Christ, held at Muscatine, in August, 1855. The school was located at Western, Linn County, on February 11, 1856, and was incorporated under the laws of the State in the following month. The work on the college building was pushed vigorously, and on January 1, 1857, the doors were opened for the reception of students. The College was removed to Toledo in 1881, and the new building was ready for occupancy in September, 1883. On Christmas night of 1889, the main College building, with all its contents, except the library, burned to the ground. The present structure was immediately begun, and stands a monument to the liberality of the people of Toledo and the Church, and to the energy of the authorities in charge.

CONTROL.

Western College is controlled by a corporate board, composed of representatives from the Alumni, five coöperative conferences of the United Brethren Church, and three trustees at large.

PURPOSE.

While no sectarian principles are sought to be imposed upon the student, a correct moral and Christian character is regarded as a matter of the utmost importance, and all diligence will be employed to secure this very desirable result. The completest liberty is granted to the religious convictions of each individual and denomination. The design is to afford to all who will strive for it the opportunity of gaining a liberal education, under healthful moral influences.

THE LOCATION

is admitted to be one of the choicest in the central Northwest. Toledo is the county seat of Tama County, and is situated on the Chicago & Northwestern Railway, about fifty-five miles west of Cedar Rapids and twenty miles east of Marshalltown. The city is in the midst of a rich agricultural district, which insures prosperous life and permanent

growth. The situation is healthful and beautiful. The citizens are intelligent, cultured, and progressive. The business men are public-spirited and accommodating. The moral influence of the community is surpassed by none. The town has city water works, electric lights, and an electric street-car line connecting it with Tama.

MAIN BUILDING.

The main building, one hundred and fifty by eighty feet, three stories and a basement, is one of the best college buildings in the State. Its large and cheerful recitation-rooms, four tasteful and beautiful society halls, choice lecture-room, admirable arrangement throughout, and its hot-water system of heating in every part, adapt it remarkably well to the aid of the teacher as well as to the convenience and profit of the student.

BRIGHT CONSERVATORY OF MUSIC

is tastefully furnished throughout, and takes first rank among buildings of the kind in the State. It is established in memory of Rev. John C. Bright, our first missionary secretary, and one of the first and warmest friends of music and education in the church.

An important and very attractive part of this building is Phillips Music Hall, named for a lover of music and a generous donor toward its erection, Mrs. Ella C. Phillips, of Toledo.

MARY BEATTY HALL

is the fine boarding-hall for young ladies, furnished in modern style. It is a very pleasant home near the main building. It is named in memory of Mrs. Mary Beatty, deceased, who gave liberally toward its erection.

DRURY HALL.

Across the street from the College grounds is the young men's hall, a well kept and popular hall for rooming and boarding.

THE COLLEGE CHURCH

is a model of architectural excellence and beauty. It has a seating capacity of about one thousand, is provided with lecture and Sunday-school rooms, and is heated by furnace and lighted by electricity. Its internal arrangement and furniture are universally admired. It is furnished with a pipe-organ of excellent quality and tone, which is used by the Conservatory of Music.

THE RAILWAY FACILITIES

are excellent. Parties coming to Toledo from the east, west, or south may take the Chicago & Northwestern, or Chicago, Milwaukee & St. Paul to Tama, thence to Toledo by electric street-railway two miles. Persons from the north may come on the Toledo & Northwestern direct to Toledo. On the day preceding term opening and the first two days of each term all trains will be met by a reception committee appointed by the Christian associations of the College.

THREE STANDARD COURSES

leading to the usual degrees are offered in the College—Classical, Philosophical, and Scientific; also a Preparatory Course. These afford a wide range of studies. A careful consideration of these, severally, will show a favorable comparison with similar courses of study in the best institutions of the country.

A NORMAL COURSE,

Leading to the degree of Bachelor of Didactics, is offered in addition to the regular College courses. This course will be found to be an admirable preparation for the profession of teaching.

ADJUNCT DEPARTMENTS.

Connected with the institution are a Conservatory of Music, College of Commerce, School of Elocution and Oratory, and Department of Art. These are standard in rank, are supplied with excellent equipment, and are in charge of able instructors.

LITERARY SOCIETIES.

There are connected with the College, under the control of the faculty, six literary societies—Philophronean, Young Men's Institute, Alphanean, Cyclomathean, Young Ladies' Athenæum, and Calliopean, the last two consisting of ladies.

The societies are in a flourishing condition. They have four halls, which occupy entirely the third story of the main College building. These are nicely furnished, and among the most commodious and tasteful literary halls in the West. In these societies the students may become familiar with parliamentary practice, and secure an invaluable discipline in the composition and delivery of literary productions.

LIBRARY.

The College Library consists of several thousand volumes. The Library is open at stated hours for the use of students. Upon the read-

ing tables will be found a large number of the best daily and weekly papers, besides magazines and reviews. Each student pays a library fee of twenty-five cents a term.

LECTURES.

During the year, lectures are delivered by eminent specialists on Christian Evidences, Constitutional Law, Biblical Antiquities, Biblical History, Sociology, Ethics, and the Home.

ATHLETICS AND PHYSICAL TRAINING.

On the College campus there is a fine field for athletic sports. The base-ball and foot-ball grounds and tennis-courts are all that could be desired, affording opportunity for abundant exercise in pleasant weather. The gymnasium is well supplied with modern apparatus, and has proven very beneficial to the students and the College. This department is managed by the Young Men's Christian Association, under the supervision of the faculty.

Y. M. C. A. AND Y. W. C. A.

Our Young Men's and Young Women's Christian Associations exert an important moral and religious influence. They form the center of the vigorous spiritual life of the College. All students are invited to become members. They meet weekly in their elegant hall, situated on the first floor of the main building. They are conducted by the young people themselves in harmony with the college associations of the land.

RELIGIOUS SERVICES.

Devotional exercises are conducted in the College chapel every morning, except Saturday and Sunday, at 11:40 o'clock. Attendance is required.

Divine services are conducted at 11 o'clock every Sabbath in the United Brethren Church, by the College pastor. All students are required to be present, except those who regularly attend elsewhere. Regular services are also held every Sabbath evening.

In the city are five churches, all of which cordially invite the attendance of the students. Students are welcomed in the Sunday schools, the mid-week church services, and the young people's societies of the churches, and in the Bible classes and weekly meetings of the Young Men's and Young Women's Christian Associations of the College.

ATTENDANCE AT RECITATIONS.

Regularity at recitations is expected of every student. Upon being absent one-tenth of the required recitations of a term in any subject, the student will be required to pass a satisfactory examination on the ground covered in his absence, in order to retain his registration in that subject. Absence from one-eighth of the required recitations of a term in any subject, will cancel the student's registration in that subject. A committee of the faculty on reinstatement may restore canceled registration upon conditions in each case determined.

EXAMINATIONS.

Public written examinations are held at the close of each term. An examination must be had before a student can receive a standing in his studies. The grade on examination will count one-third, and the average recitation grade two-thirds, in the term average. A student whose term average is below sixty-five per cent. in any study must repeat the study with another class, or take a second examination after further preparation.

DEGREES.

The degrees of A.B., Ph.B., and B.S. are given upon completion of the corresponding course of study.

The degrees of Master of Arts, Master of Philosophy, and Master of Science are conferred on candidates of good moral character, who, having received the corresponding Bachelor's degree from this or from any other college of equal standing, shall complete one of the courses of study indicated below:

1. One year's study in residence at the College, with presentation of thesis.

2. Three years' study *in absentia* in lines of work approved by the faculty, with presentation of thesis and examination at the College.

3. Completion of course in a professional school of approved standing, including the presentation of a thesis; such institutions include medical, law, and divinity schools.

Persons whose graduate study is done *in absentia*, and who desire to make application for the Master's degree, will communicate with the faculty not later than the first Friday in the spring term of the year in which they would obtain the degree.

Diplomas shall be signed by the faculty only after the fee is paid, which is $5.00 for each of the degrees.

ROOMS AND BOARD.

Non-resident students are expected to secure homes at the halls until all the rooms are taken.

Beatty Hall is the College home for girls. The building is a large brick structure, and has accommodations for twenty-eight young ladies. The rooms are $12\frac{1}{2} \times 15$ feet, with closets $3\frac{1}{2} \times 7$. The rooms are carpeted, thoroughly ventilated, heated with steam, and furnished with bedstead, mattress, wire mattress, commode, toilet set, chairs, table, and student's lamp. Bedding is also furnished. Students furnish their own towels and oil.

The purpose is to furnish for young ladies coming from abroad a home under the best of influences and at the lowest cost at which it can be afforded. Gentlemen, also, board at Beatty Hall.

Drury Hall is for young gentlemen, where young men room and both gentlemen and ladies board. The rooms at Drury Hall are furnished—students providing towels and oil.

Many private families open their houses to students, so that abundant accommodations may be secured in town, in style and price to suit the taste of every one. Students rooming in town will be expected to observe the same regulations as those rooming in the College halls. It is always best to secure accommodations through the President before coming to Toledo. In any case, the student, upon arrival, should call upon the President for information.

GOVERNMENT.

The regulations of the College are few and simple. Students are placed upon their honor and personal responsibility. Special rules are announced from time to time as circumstances may demand.

ADDITIONAL ITEMS OF INTEREST.

Half tuition is charged for those taking one study.

All dues are payable each term in advance, and will not be refunded except in cases of protracted sickness.

EXPENSES.

TUITION.

Preparatory, Normal, and College Classes.

FALL TERM	WINTER TERM	SPRING TERM
$13.00	$12.00	$11.00

For rates of tuition in adjunct departments of Music, Commerce, Elocution, and Art, see those departments.

ROOMS AND BOARD.

Room rent at Beatty Hall, for each student, two in a room, per week	$0 50
Heating at Beatty Hall, per week	30
Table board at Beatty Hall, per week—club	1 90
Room rent at Drury Hall, for each student, two in a room, per week	50
Table board at Drury Hall, per week—club	1 80

At Drury Hall students furnish their own heat.

Board and room in private families from $2.50 to $3.00.

Text-books vary in cost from five to twelve dollars per year.

To reduce expenses a number of students board themselves. Not a few secure work in the town by which a part or all of the cost of living is met.

The student can make his expenses at college largely what he may choose. Most of our students, without giving any time to self-help, cover all the necessary expenses of the year with from $150.00 to $175.00.



COLLEGE.

REQUIREMENTS FOR ADMISSION.

Graduates of approved high schools and academies are admitted to the Freshman class without examination on presentation of diploma or certificate of work done. Other students are admitted on passing a satisfactory examination in the studies named below or on completion of our own preparatory course. Real equivalents for the studies required may be accepted at the discretion of the faculty.

I. English. English Lessons, (Lockwood). Literature, Palamon and Arcite, The Vicar of Wakefield, Ancient Mariner, Last of the Mohicans, Vision of Sir Launfal, Burke's Speech on the Conciliation of America, Silas Marner. In addition to the above, which are to be studied critically, the student is expected to have read intelligently the following: Shakespeare's Merchant of Venice, Irving's Sketch-Book, Hawthorne's Twice Told Tales, Longfellow's Evangeline, Scott's Lady of the Lake.

II. Latin. Grammar, Allen & Greenough or an equivalent. Reading (a) Viri Romæ; (b) Cæsar's Gallic War, four books; (c) Cicero five orations (d) Virgil's Æneid, six books; (e) Forty Lessons Latin Prose Composition (Jones) or an equivalent.

III. Mathematics. Algebra. Elementary, including quadratics, ratio, proportion, and variation. Geometry, plane and solid, with special attention to original demonstrations.

IV. Greek. Grammar and Greek Lessons, two terms; Anabasis, one book.

V. German. Thomas's Grammar, Bernhardt's Noveletten, and Grimm's Maerchen, or equivalents of the above.

VI. Natural Science. Gage's Elements, or an equivalent. Physics, elementary, two terms, laboratory work required. Botany, analysis of forty plants.

VII. History. Ancient and Mediæval, two terms, Myers's or an equivalent.

Classical students will omit course V. of the above; Philosophical and Scientific students will omit course IV.

ADMISSION BY CERTIFICATE FROM IOWA SCHOOLS.

The College Department of the Iowa State Teachers' Association, at its last session, adopted minimum entrance requirements uniform for all the colleges of the State. To meet these requirements a high school

course of study must be not less than four years of thirty-six weeks in length, following the usual elementary course of eight years.

The Committee on the Unification of College Entrance Requirements, charged with the duty of determining which high schools of the State meet these requirements, has authorized the publication of the following lists of accredited and partially accredited high schools and academies :

LIST I. (GROUPS I. AND II.)

SCHOOLS FULLY ACCREDITED FOR ENTRANCE TO COLLEGE.

The following schools have one or more courses which meet college entrance requirements, and their graduates are admitted to the Freshman Class without examination, upon the presentation of a certificate signed by the principal or other officer of said school showing that they have completed the work as laid down in the course upon which the school was accredited. Only such students as have completed the full course are thus received, and those graduated in shorter courses are credited without examination for the work, as far as it goes, but cannot be admitted to the Freshman Class :

Ackley,
Albia,
Algona,
Ames,
Anamosa,
Atlantic,
Boone,
Brooklyn,
Burlington,
Carroll,
Cedar Falls,
Cedar Rapids,
Cedar Valley Seminary,
Centerville,
Charles City College,
Cherokee,
Clarinda,
Clinton,
Corning,
Council Bluffs,
Creston,
Davenport,
Decora,
Denison,
Denison Normal,
Dubuque,
East Des Moines,
West Des Moines,
North Des Moines,
Dexter Normal,
Eldora,
Emmetsburg,
Epworth Seminary,
Estherville,
Fairfield,
Ft. Dodge,
Ft. Madison,
Glenwood,
Greenfield,
Grinnell,
Hampton,
Harlan,
Howe's Academy,
Iowa City,
Iowa City Academy,
Iowa Falls,
Jefferson,
Keokuk,
Knoxville,
Le Mars,
Lyons,
McGregor,
Maanoketa,
Marengo,
Marion,
Marshalltown,
Mo. Valley,
Mt. Ayer,
Muscatine,
New Hampton,
Newton,
Osage,
Oskaloosa,
Ottumwa,
Perry,
Red Oak,
Rockford,
Rock Rapids,
Sheldon,
Sac City Institute,
Sigourney,
Sioux City,
Spencer,
Traer,
Urbana Schrader Academy,
Villesca,
Vinton,
Washington,
Washington Academy,
Waverly,
Webster City,
Whittier College,
Wilton German-English College,
East Waterloo,
West Waterloo,
Woodbine Normal.

LIST II.

SCHOOLS ACCREDITED, BUT WITH LANGUAGE CONDITIONS.

The following schools are accredited to Group III. The remarks made in the introduction to List I. apply here. Some of the schools

accredited to this Group III. only, may have their students admitted to Group I. and II., with certain language conditions, but each individual case must be decided upon its merits, as shown by the detailed statement furnished. A certificate of credits is received, as far as it goes, in all courses, without examination:

Adel,
Bedford,
Charles City,
Columbus Junction,
Cresco,
Decora Institute,
Eagle Grove,
Forest City,
Greene,
Guthrie Centre,
Guthrie County,
Hamburg,
Ida Grove,
Independence,
Leon,
Manchester,
Montezuma,
Nevada,
Osceola,
Parkersburg,
Reinbeck,
Sanborn,
Shenandoah,
Sibley,
Storm Lake,
Stuart,
Tipton,
Waukon,
West Liberty,
Williamsburg.

LIST III.

SCHOOLS PARTIALLY ACCREDITED.

The following schools have, in some cases, a four years' course; in other cases, a three years' course. They have not been placed on the accredited list by reason of one or other of the following facts, namely: insufficient length of course; too many subjects in the course; insufficient number of teachers for the high-school work undertaken; too much of the school time given to grammar-school studies; some have only eight months' school; in the cases of some the information furnished the committee was not sufficient to form a full judgment, hence they were not placed on the fully accredited list; but it is hoped that they will next year meet the full requirements. Their students will be received without examination for all work certified by the principal or other officer, with the proviso that should the students fail in the advanced work to which they are admitted, they must review said subjects without extra credit:

Adair,
Afton,
Alden,
Allerton,
Anita,
Audubon,
Baldwin,
Battle Creek,
Bedford,
Bellevue,
Belmond,
Belle Plaine,
Birmingham,
Bloomfield,
Bonaparte,
Brighton,
Britt,
Buffalo Centre,
Capital Park,
Charter Oak,
Chariton,
Clarion,
Clarence,
Clearfield,
Clear Lake,
Colfax,
Corydon,
Coon Rapids,
De Witt,
Dunlap,
Dysart,
Eldon,
Elkader,
Exira,
Farmington,
Fayette,
Fontenelle,
Garner,
Glidden,
Grundy Centre,
Haywarden Normal,
Hubbard,
Indianola,
Keosauqua,
Kingsley,
Lake Mills,
La Porte,
Manning,
Mechanicsville,
Milton,
Morning Sun,
Moulton,
Mount Pleasant,
Nashua,
Neolo,
North English,
Northwood,
Nora Springs Seminary,
Odebolt,
Oelwein,
Onawa,
Orange City,
Riceville,
Richland,
Rolfe,
Sac City,
Sioux Rapids,
Shelby,
Shell Rock,
Springdale,
Springville,
State Centre,
Stuart,
Tama,
Victor,
Wapello,
West Union,
Wilton Junction.

CLASSICAL COURSE.

	Fall Term.	*Winter Term.*	*Spring Term.*
FRESHMAN.	Greek. Latin. Algebra. Essays.	Greek. Latin. Algebra and Trigonometry. Essays.	Greek. Latin. Trigonometry. Essays.
SOPHOMORE.	Greek. Latin. Rhetoric. Elective: German. / Analytical Geometry. — One req'd.	Greek or Latin. Literature. Bible. Elective: English Hist'ry. Calculus. / German. — one req'd Essays.	Greek or Latin. Literature. Elective: Zoölogy. / German. / Calculus. — Two required. Essays.
JUNIOR.	Logic. Chemistry I. Elective: Greek / Latin. / German. French. / Literature. — Two Required. Orations.	Psychology. Chemistry II. Elective: Greek. Latin. / German. / Pedagogy. / French. Literature. — Two required. Orations.	Ethics. Political Economy. Elective: Greek. Latin. / German. / French. / Literature. / Botany II. — Two required. Orations.
SENIOR.	Elective: Geology I. / History of Philosophy. / History of Civilization. / Mechanics. / Modern European History. / Latin. / Greek. — Four req'd.	Elective: Geology II. / Theistic Belief. / Introduction to Philosophy. / Advanced Physics. / Constitutional History. / Latin. Greek. / American History. — Four req'd.	Elective: Sociology. / Histology. / International Law. / Latin. Greek. / Advanced Physiology. / American History. — Three required.

PHILOSOPHICAL COURSE.

	Fall Term.	*Winter Term.*	*Spring Term.*
FRESHMAN.	German. Latin. Algebra. Essays.	German. Latin. Algebra and Trigonometry. Essays.	German. Latin. Trigonometry. Essays.
SOPHOMORE.	French. Latin. Rhetoric. Elective: German. / Analytical Geometry. — One required. Essays.	French. Literature. Bible. Elective: Advanced Physiology. / English History. / Calculus. German. / Latin. Comparative Anat'my of Vertebrates. — One req'd. Essays.	French. Literature. Elective: German. Latin. / Zoölogy. / Calculus. — Two required. Essays.
JUNIOR.	Logic. Chemistry I. Elective: Latin. / German. / French. / Literature. — Two required. Orations.	Psychology. Chemistry II. Elective: Latin. German. / French. Literature. / Pedagogy. — Two req'd. Orations.	Ethics. Political Economy. Elective: German. / Latin. / French. / Literature. / Botany II. — Two required. Orations.
SENIOR.	Elective: Geology I. / History of Philosophy. / History of Civilization. / Mechanics. / Modern European History. / Latin. — Four req'd.	Elective: Geology II. / Theistic Belief. / Advanced Physics. / Introduction to Philosophy. / Constitutional History. Latin. / American History. — Four required.	Elective: Sociology. / Astronomy. / Histology. / International Law. / Latin. / American History. — Three required.

SCIENTIFIC COURSE.

	Fall Term.	*Winter Term.*	*Spring Term.*
FRESHMAN.	German. Chemistry I. Algebra. Essays.	German. Chemistry II. Algebra and Trigonometry. Essays.	German. Zoölogy. Trigonometry. Essays.
SOPHOMORE.	German. French. Analytical Geometry. Rhetoric. Essays.	German. French. Bible. Elective: Calculus. / Literature. / English History. / Chemistry III. — One required. Essays.	German. French. Botany II. Elective: Literature. / Calculus. — One required. Essays.
JUNIOR.	Logic. Mechanics or Comparative Anatomy or Biology. French. Elective: German. / Literature. — One required. Orations.	Psychology. Advanced Physics or Comparative Anatomy or Biology. French. Elective: German. / Literature. / Pedagogy. — One required. Orations.	Ethics. General Biology. French. Elective: German. / Literature. / Political Economy. — One required. Orations.
SENIOR.	Elective: Geology I. / History of Philosophy. / History of Civilization. / Modern European History. / French. — Four req'd.	Elective: Geology II. / Theistic Belief. / Constitutional History. / French. / Advanced Physics. / American History. — Four required.	Elective: Sociology. / Astronomy. / Histology. / International Law. French. / Advanced Physiology. / American History. — Three required.

All of the Freshmen will recite five hours per week in each study except those of the Scientific course, who will recite but four times per week in Chemistry. Through the other three years of all the courses there will be four recitations in each study. For detailed statement of the studies see Departments and Courses of Instruction.

DEPARTMENTS AND COURSES OF INSTRUCTION.

I. History of Philosophy. The field is well covered—Greek Philosophy, Philosophy of the Middle Ages, and Modern Philosophy. Special attention is given to Modern Philosophy, which is brought down to the present, Flackenberg and others being authorities in the modern field. Library work is done in Aristotle, Bacon, Locke, Kant, Schelling, Lotze, and others.

Fall Term—Four hours per week.

II. Introduction to Philosophy. This course gives the student a general view of the scope, divisions, and relations of Philosophy, and is designed also to lead to personal philosophical thought. Text—Stuckenburg's Introduction to the Study of Philosophy.

Winter Term—Four hours per week.

LOGIC AND INTELLECTUAL SCIENCE.

I. Logic. Text—Jevons-Hill. The subject is studied with an eye to the practical application of its principles to reasoning and scientific investigation.

Winter Term—Four hours per week.

II. Psychology. Ladd's Outlines of Descriptive Psychology is used as a text. Topical references are made to standard works, such as Schuyler and Hœffding. In the field of Physiological Psychology the authors referred to are Ribot and Ladd.

Winter Term—Four hours per week.

POLITICAL ECONOMY AND SOCIOLOGY.

I. Political Economy. This subject is studied by means of a text, supplemented by lectures on American Industrial History. The history of tariff and monetary legislation receives some attention.

Spring Term—Four hours per week.

II. Sociology. Small and Vincent's text is used as a guide, while Giddings and other authors are studied. The American Commonwealth, Bryce; Profit-Sharing, Gilman; Municipal Government in Great Britain, Shaw; and Mayo-Smith's Statistics and Sociology are used for reference and reports. The purpose is to have the student gain a clear conception of this comparatively new and very important science.

Spring Term—Four hours per week.

ETHICS, EVIDENCES, BIBLE.

I. Ethics. The text is Mackenzie's Manual of Ethics. Along with the study of the admirable outline furnished by this book are discussions and collateral reading.

Spring Term—Four hours per week.

II. Evidences of Christianity. The study of this subject is directed by Fisher's Grounds of Theistic and Christian Belief. Library reading is pursued in such works as First and Fundamental Principles (McCosh) and Harris's Self-Revelation of God. Topics are assigned for special study and report. The modern battle-fields are entered.

Winter Term—Four hours per week.

III. Bible. During the Sophomore year, winter term, four hours per week are given to the study of the English Bible. The fields of history, biography, literature, and doctrine are traversed. Such works as The Beginnings of Christianity, by Fisher, are at the student's disposal in library work.

HISTORY.

I. History of Civilization. Guizot's History of Civilization in Europe is the text. Contemporary European History will be given in connection.

Fall Term—Four hours per week.

II. English History. Attention is given to the bearing of the development of the English nation and constitution upon the institutions of our own country. Either of the following courses may be selected instead: History of Modern Europe (Schwill); History of Germany; History of France.

III. International Law may be correctly placed here, since it is emphatically one, and a very important phase of the evolution of national life and international relations in the world's history. Woolsey's International Law is the text, with Glenn as a leading reference.

Constitutional History may be elected.

Spring Term—Four hours per week.

IV. American History. 1. A brief study of the Colonial Period, followed by a more intensive study of the period, 1783–1817. The work of this course is outlined by lectures. No text is used, but an extensive reading of the best recent historical works is required. This course should be preceded by courses in General History and Political Economy.

Winter Term—Four hours per week.

2. Continuation of preceding course for the period, 1817–1860.

Spring Term—Four hours per week.

GREEK LANGUAGE AND LITERATURE.

I. 1. Anabasis, and Forty Lessons of Prose Composition.
2. Anabasis, Grammar Reviewed.
3. Homer, Iliad, Books I–III.
Five hours per week.

II. 1. Plato, Apology and Crito.
2. Herodotus, Selections.
3. Lysias, Selected Orations.
Four hours per week.

III. 1. Sophocles, Antigone.
2. Aristophanes, The Clouds.
3. Theocritus.
Four hours per week.

Courses II. and III. are given in alternate years.

LATIN LANGUAGE AND LITERATURE.

I. 1. Livy, Books XXI. and XXII.
2. Horace, Odes and Epodes.
3. Horace, Satires and Epistles.
Five hours per week.

II. 1. Cicero, De Senectute et De Amicitia.
2. Cicero, Selected Letters.
3. Cicero, Tusculan Disputations.
Four hours per week.

III. 1. Terence, Two Plays.
2. Pliny, Selected Letters.
3. Tacitus, Agricola and Germania.
Four hours per week.

IV. 1. Juvenal, Satirical Poetry.
2. Lucretius, Two Books.
3. Latin Hymns.
Four hours per week.

Courses III. and IV. are given in alternate years.

GERMAN LANGUAGE AND LITERATURE.

I. 1. Schiller, Wilhelm Tell; Composition.
2. Schiller, Maria Stuart; Hoffmann, Historische Erzählungen.
3. Gœthe, Hermann und Dorothea; Scheffel, Der Trompeter von Säkkingen.
Five hours per week through the year.

II. 1. Lessing, Nathan der Weise; Reviews of Lessing's Masterpieces.
2. Keller, Bilder aus der Deutchen Litteratur.
3. Gœthe, Faust.
Four hours per week through the year.

III. 1. Gœthe, Meisterwerke, or Dictung und Wahrheit.
2. Wenckebach, Die Meisterwerke des Mittelatters.
3. Freytag, Aus dem Staat Friedrichs des Grossen; Lessing, Prose.
Four hours per week through the year.

FRENCH LANGUAGE AND LITERATURE.

I. 1. Whitney, Grammar, Composition; Foa, Biographical Sketch of Michael Angelo.
2. Grammar and Composition Continued; Foa, Sketches of Sebastian Gomez and Mozart.
3. Grammar and Composition Continued; Foa, Sketches of Haydn and Watteau; Ohnet, Le Chaut du Cygne.
Four hours per week through the year.

II. 1. Racine, Athalie; Corneille, Le Cid.
2. Fortier, Sept Grands Anteurs.
3. Victor Hugo, Hernani; Lamartine, Graziella.
Four hours per week through the year.

III. 1. The Drama and Lyric Poetry in the Nineteenth Century.
2. Duval, Histoire de la Littérature Française.
3. Advanced Study of Classics.
Four hours per week through the year.

ENGLISH LANGUAGE AND LITERATURE.

The course in English embraces Rhetoric and English Literature. The science of Rhetoric is studied and applied in composition. The critical faculty is cultivated along with the creative. The purpose of the study of Literature is: First, to cultivate a taste for the best literature and an appreciation of what is good in thought or elevated in style; secondly, to train the student in methods of criticism and original investigation; thirdly, to give him a knowledge of the historical development of literature.

I. 1. Rhetoric. The study embraces the elements and principles of rhetoric. Required theme writing. These may be presented for examination and may be read in class. Criticism—Subjects will be assigned for written work upon Description, Narration, Argumentation. Special attention will be given to Figures of Speech.

Fall Term—Four hours per week.

2. Shakespeare. The following selected plays will be read, with special reference to literary form: Richard III., The Tempest, Selections from Shakespeare. Attention will be given to the development of characters. Written analyses. Certain selections will be committed. Required reading with reports.

Winter Term—Four hours per week.

3. American Literature. In connection with the study of choice selections from prominent authors, a text on the "History of American Literature" is used. Lectures will be given on the form and composition of the essay, epic, sonnet, ode, lyric, etc. Collateral reading, with reports.

Spring Term—Four hours per week.

II. 1. History of the English Language; or, critical studies in Chaucer, Milton, Bacon's essays, etc. Special topics will be assigned and reports given.

Fall Term—Four hours per week.

2. Elizabethan Literature. Select Readings from Shakespeare's contemporaries. Collateral reading and reports.

Winter Term—Four hours per week.

3. English Fiction. Reading and discussion of classic and representative romances and novels. Papers will be required.

Spring Term—Four hours per week.

MATHEMATICS.

I. Algebra. The work in Algebra consists of a rapid review of radicals and quadratic equations, followed by the study of arithmetic, geometric and harmonic progressions, the binomial theorem, the theory of logarithms with their computation and use, choice and chance, some elementary work in the theory of equations, the solution of equations of higher degree than the second, graphs, complex numbers, and determinants.

Fall Term and first half Winter Term—Five hours per week.

II. Trigonometry. Plane, analytical, and spherical. In connection with this work numerous practical problems relating to surveying, navigation, geodosy, and astronomy, are done.

Last half Winter Term and Spring Term—Five hours per week.

III. Plane Analytic Geometry. The work includes straight lines, circles, loci, and the conic sections, together with a discussion of the general equation of the second degree. Prerequisite—Course II.

Fall Term—Four hours per week.

IV. Calculus. Differential and Integral. Throughout the work numerous applications of the calculus to geometric theorems and to practical problems in mechanics and physics will be made.

Winter and Spring Terms—Four hours per week.

PHYSICAL SCIENCES.

I. Chemistry. 1. This course will treat of the simple elements, their occurrence, properties, reactions and compounds, also the fundamental principles and laws of chemical combination; metals and non-metals; acids, bases, and salts; valence, atomic weight, Charles's, Henry's, and Avagadro's laws, illustrated with problems. It will consist of class work, supplemented by experimental lectures and by laboratory work. Remsen's text will be used and Williams's Chemical Experiments, General and Analytical, will be used as a laboratory guide. Each student will be supplied with a complete outfit with which to work. To cover cost of chemicals used a fee of $2 will be charged.

Fall Term—Four hours per week laboratory, and two of class work.

2. General Analytical Reactions and Qualitative Analysis. As an introduction to the work on unknowns, some time will be spent on the general analytical reactions of the metals and further drill in writing equations. Mixtures of compounds in both the solid and liquid form must be determined and in the case of solids the entire compound named. The neutral solution of acids will also be analyzed. Thirty unknowns, twenty metals, five entire compounds, and five acids will be required. Laboratory fee, $2.50.

Winter Term—Five hours per week laboratory and two of recitation.

3. Quantitative Analysis will be taught the winter of 1900.

II. Mechanics and Physics. 1. Mechanics. Experimental work and mathematical problems on motion, force, laws of falling bodies, simple machines, pendulum, heat and sound, and the musical scale. Carhart's University Physics will be used. Prerequisites, Trigonometry, and Course I.

Fall Term—Four hours per week.

2. Physics. This will consist of a critical discussion of optics, light —its nature and propagation, photometry, reflection and refraction, spectra, polarization of light, and optical instruments. Text the same as above.

Winter Term—Four hours per week.

III. Astronomy. Cosmogony, nebulæ and stars, comets and meteors, theories of planetary motion, the laws of Kepler and Newton, and the solar system will be discussed from a scientific and philosophical standpoint. Young's General Astronomy will be used as the text. Prerequisites, Courses I. and II.

Spring Term—Four hours per week.

BIOLOGICAL SCIENCES.

I. General Biology. This will deal with the lowest forms of plants and animals, and those strange beings, the bacteria, which occupy the border line between the two. Under plants, the different species of algæ, such as protococcus, oscillaria, œdogonium, cladophora, spiragyra, vaucheria, chara, desmids, and the different varieties of diatoms; also the fungi, such as mucor, penicillium, yeast, smuts, water moulds, mushrooms, toadstools, and others, will be thoroughly discussed and studied in the laboratory by the aid of the compound microscope. The microscopic unicellular animals, amœba, paramœcium, monads, etc., will be treated in the same way. Two different texts will be used specially and others as references,— Campbell's Structural and Systematic Botany, and Campbell's (English author) Elementary Biology. Permanent mounting and staining will receive due attention. Laboratory fee, $1.00.

Spring Term—Four hours per week laboratory, and two of class work.

II. Algæ and Fungi. This course follows General Biology, and will not include species studied in that connection. Time and fees same as other courses.

III. Bryophytes and Pteridophytes. Arthur, Coulter, and Barnes's text used as a guide. This is a continuation of Course II., which is a prerequisite. Time and fees same as before.

IV. Gymnosperms and Angiosperms. A continuation of Course III., consisting of Morphology and Physiology of the seed plants. Time and fees same as other courses.

V. Comparative Zoölogy. Specimens of sponge, cœlenterates, starfish, clam, lobster, earth-worm, insects, and each of the classes of vertebrates will be furnished each student for individual work in the laboratory. Dissecting trays and tables will be furnished free, but the student must provide himself with scalpel, scissors, needles, etc. To provide material, a fee of one dollar will be charged. Orton's Comparative Zoölogy will be used.

Spring Term—Four hours per week laboratory, and two of recitation.

VI. Advanced Physiology. The physiology of digestion, secretion, circulation, metabolism, and the nervous system are the subjects for consideration. Laboratory work will be run parallel with the discussions. Martin's advanced text will be used.

Spring Term—Four hours per week.

VII. Comparative Anatomy of Vertebrates. Embryology, ontogeny, philogeny, descent, first appearance and development of the organs and higher physiological functions, and their comparison with invertebrate types, and a critical classification of the animals on an embryological and structural basis will be discussed in class work, supplemented by lectures. The same regulations apply to this course as to Course II. Prerequisites, Courses I. or III., and II. Wiedersheim's text, translated by Parker, and Zoötomy will be used.

Fall and Winter Terms—Three hours laboratory, and two class work.

VIII. Animal Histology. This course will deal with general histological methods, fixing, staining, embedding, sectioning, and preparing permanent mounts of animal tissues, fresh and alcoholic. This course runs parallel with Course V., and permanent slides of the various tissues of the animals studied will be required of each student.

Fall Term—Fifty hours.

IX. Embryology. This course will run parallel with Course V. during the winter term, and will supplement it. Each student will select a different animal among the vertebrates for special study. The development of the egg, its segmentation, the blastula and gastrula stages, with numerous sections and permanent mounts, and the appearance of the organs, will be closely followed. Special attention will be given to histological and organological differentiation.

Winter Term—Forty hours.

X. Geology. 1. Structural Geology and Continental Evolution. The geological agencies and dynamic forces which have shaped and modified the earth; rocks, metallic veins, organic deposits, mountain-making periods and theories of formation, continental uplift; origin, history, and development of the ocean, lakes, and rivers; subterranean water and artesian wells; volcanoes, geysers, and earthquakes, with the theories of their causes; the glaciers and their effect on topography, and the history of the great ice age in Europe and America. In addition to the excellent facilites afforded by the Museum, the opportunities in Tama County for field work and observation are of the best. Local field geology will be emphasized. Text used, Le Conte's Elements of Geology.

Fall Term—Four hours per week.

2. Historical Geology and Paleontology. A discussion of the evolution of the earth through its various stages until life appeared. Its gradual development in the successive ages until the highest types are reached; Plants and animals as modified by environment and competition; distributive agencies; periods, and data for identification; salt and coal deposits. Special use will be made of the large collection of fossil forms in the Museum. Prerequisites, Courses II. and III. Le Conte's text, and Geological Reports.

Winter Term—Four hours per week.

Equipment. We have recently added a new Reichert Microtome, and one of their best IIIB. microscopes, provided with eye-pieces II. and IV. and objectives 3, 7, and $\frac{1}{12}$ (for oil immersion), together with Abbe substage condenser and accessories. We have one of the best equipped laboratories in the State for general inorganic and analytical chemistry. Each student is provided with a complete outfit of flasks, test-tubes, burettes, blow-pipe, pneumatic trough, tripod, iron-ring stand, mortars, evaporation dishes, retorts, receivers, and, in fact, all the latest improvements in the way of apparatus. We have a large list of chemicals, many of them imported from Germany, among them acids, bases, salts, and more than two hundred different compounds. In both equipment and material we have duplicated the general chemistry laboratory of the University of Chicago. We recently imported some high-grade compound microscopes from Germany, of Reichert make, and provided with I. and IV. eye-pieces and 3 and 7A objectives. Each student is provided with an instrument in Botany, General Biology, and Histology, and constant use is made of them in other courses to illustrate various facts.

Additions to the Biological Department During the Past Year. This Department recently received three hundred dollars, which has been used in equipping the Science Room as a laboratory and recitation-room combined. The two leading donors were Hon. W. F. Johnston and Major Leander Clark, both of Toledo, who gave one hundred and twenty-five dollars each. Fifty dollars more was donated by several leading citizens and business men of the city. Nine additional microscopes of the Bauch & Lomb make, with double nose-piece, two eye-pieces, two objectives $\frac{2}{3}$ and $\frac{1}{6}$, coarse and fine adjustment, and also mounting table. Micrometers and other appliances were procured with the two hundred and fifty dollars. The other fund was expended for tables of a special design. This gives Western College a Biological Laboratory second to none in the State, except that of the State University.

MUSEUM.

The collection contains specimens of many of the common rocks, minerals, ores, and fossils, and is of special value as a study collection. There is a very full set of specimens representing the massive (igneous) rocks, including a rare lot from an old volcano in the South Mountain region of Pennsylvania. The friends of the College are earnestly requested to contribute to the Museum.



PREPARATORY DEPARTMENT.

Students entering the Preparatory Department of the College are supposed to have completed the common school studies, including Arithmetic, Grammar, Physiology, Civics, and United States History. But for the benefit of those who are fitting themselves to teach these subjects, and of those whose preparation in these branches is insufficient to enable them to enter upon the preparatory work of the College profitably, classes are organized as occasion demands. The Preparatory School is under the direct control of the Faculty of the College, and aims to prepare the student thoroughly for admission to the several College courses. Many of those preparing to enter the College courses prefer to do all their preparatory work here in the institution.

PREPARATORY COURSE.

	Fall Term.	*Winter Term.*	*Spring Term.*
FIRST YEAR.	Latin Lessons I. Physical Geography. English Lessons. English Composition.	Latin Lessons II. Literature. General History. English Composition.	Cæsar I. Literature. General History. English Composition.
SECOND YEAR.	Latin—Cæsar II. Algebra I. Physics I. English Composition.	Cæsar III and Prose Composit'n. Algebra II. Physics II. English Composition.	Cicero I. Algebra III. Botany. English Composition.
THIRD YEAR.	Latin—Cicero II. and Prose Composition. Greek or German. Geometry I. English Composition.	Virgil. Greek or German. Geometry II. English Composition.	Virgil. Greek or German. Geometry III. English Composition.

PREPARATORY COURSE OF INSTRUCTION.

I. English. Grammatical analysis, work in composition, essays written and read in class, criticism and discussion, elements of rhetoric. Text, Lockwood's English Lessons.

Fall Term—Five hours per week.

II. Literature. 1. Introduction to English Literature. Discussion concerning the different periods of literature, masterpieces of representative authors read and studied, selections committed. Required reading will be duly assigned.

Winter Term—Five hours per week.

2. Text on the History of American Literature. In connection with this study, the class will read entire selections from the leading authors. Reports on the selections and on authors studied required.

Spring Term—Five hours per week.

HISTORY.

General History. 1. A general survey of Egpytian, Roman, Assyrian, and Grecian History. Special topics assigned for papers. Original investigation encouraged.

Winter Term—Five hours per week.

2. A general survey of English, Spanish, French, and German History. Special topics assigned for original investigation.

Spring Term—Five hours per week.

NATURAL SCIENCE.

Elementary Physics. Gage's Elements will be used as a text. There will be four recitations per week, and one laboratory period of two hours. The students will perform all the experiments relating to pneumatics, hydrostatics, heat, light, sound, and electricity, and make a complete study and draw an outline map of the system of electric lights, telephone, telegraph, and street-railway of our City.

Fall and Winter Terms.

BIOLOGICAL SCIENCES.

Botany. Preparatory Course. This course will consist of the study of a typical example of each division of the plant kingdom in reference to osmose, diffusion, transpiration, and other vegetative func-

tions, and also the tracing of the sexual and non-sexual methods of reproduction. The following types were used the past year: Alga, Spirigyra; Fungus, Mucor, and Penicillium; Liverwort, Marchantia; Moss; Funaria; Fern, Pteris Aqualinus; Equisetum, Horsetail; Gymnosperm, White Pine; also, a more critical study and classification of the Angiosperms, including the wild flowers, their vegetative and reproductive organs. Atkinson's elementary text will be used. Four hours class work each week, and two of laboratory with compound microscope, using fresh material and prepared slides.

MATHEMATICS.

I. Algebra. 1. The fundamental operations, factoring, simple equations, and fractions.

2. Fractional equations, and equations containing more than one unknown term, radicals, and theory of exponents.

3. Quadratic equations, ratio, proportion and variation, and logarithms.

Throughout the Year—Five hours per week.

II. Geometry. 1. Plane Geometry, Books I., II., III., or an equivalent.

2. Plane Geometry completed, and Solid Geometry begun, Books IV., V., and VI.

Throughout the Year—Five hours per week.

3. Solid Geometry completed. Throughout the work in Geometry, particular attention is given to the demonstration of additional theorems, for which the student is required to furnish his own proofs. Numerous practical numerical problems in mensuration are also given in connection with the work.

Throughout the Year—Five hours per week.

GERMAN.

1. Joynes-Meissner Grammar; Composition; Niebuhr, Heroen-Geschichten.

2. Grammar and Composition continued; Storm, Immensee.

3. Hillern, Höher als die Kirche.

Throughout the Year—Five hours per week.

LATIN.

Three years' study is required in all courses. Two terms are spent on the elements of the language, with Collar and Daniell's First Latin Book as text. One term is given to the reading of Viri Romæ, after

which the course includes four books of Cæsar, forty lessons of Prose Composition, five orations of Cicero, and six books of Virgil. Thorough study of grammar and prosody is insisted upon.

GREEK.

Students who expect to enter college prepared for the Classical Course will study Greek for one year. Two terms are given to the study of the elements, White's First Greek Book being used as text. One term is spent on the Anabasis, in which the first book is completed in connection with daily study in forms and syntax.



THE NORMAL COURSE.

The Normal Course is designed to meet the wants of a large class of students who are preparing for public school work, and cannot see their way clear to complete a full college course. This Course comprises four years' work, and includes the common branches and all the subjects usually taught in the high school, besides courses of a purely professional character.

The time required to complete the work outlined for the first year will depend largely on the character of the previous preparation. Many students avail themselves of this opportunity to make a thorough review of the common branches. Students who do not expect to teach, but who need a more thorough knowledge of the common branches before entering the Preparatory Department, may take work in the Normal Course.

Four courses of a professional character are offered. It is the aim of these courses, not so much to teach methods, as to ground the student in the fundamental principles of education, so that he will be able to develop his own methods of teaching and management.

Those completing this course receive a diploma and the degree of Bachelor of Didactics.

NORMAL COURSE OF STUDY.

	Fall Term.	*Winter Term.*	*Spring Term.*
FIRST YEAR.	Reading and Phonics. Physical Geography. English Grammar. Penmanship. Arithmetic.	Reading. Physiology. Arithmetic. English Grammar. U. S. History.	Civil Government. Arithmetic. U. S. History. English Grammar.
SECOND YEAR.	Latin Lessons. English Lessons. Algebra. School Management.	Latin Lessons. English Literature. Algebra. General History.	Latin Lessons. English Literature. Algebra. General History.
THIRD YEAR.	Cæsar. Geometry. Physics. Elements of Psychology.	Cæsar and Composition. Geometry. Physics. Pedagogy.	Cicero. Geometry. Botany I. Political Economy.
FOURTH YEAR.	Cicero and Composition. History of Education. Rhetoric. Chemistry.	Virgil. Pedagogy. Psychology or Literature. Chemistry or Biology.	Virgil. Zoölogy. Literature or Ethics.

NORMAL COURSE OF INSTRUCTION.

I. READING. Phonics. Thorough mastering of the forty-four elementary sounds.

Practice in diacritical markings as used in Webster's Dictionary. The purpose of this work is to furnish the student a scientific basis for teaching the sounds, and to aid him in discovering and correcting faults of speech.

Reading. Selections from standard literature will be studied. The elementary principles of literary analysis, laws of style, etc., are, as far as possible, developed inductively. Intelligent oral expression is made an integral part of the work.

II. SCHOOL MANAGEMENT. "The law of the school is inherent in the school, and not externally imposed."—*Arnold Tompkins.*

III. PSYCHOLOGY. The work in Psychology consists in the study of the phenomena of consciousness from the standpoint of development, and in the application of the laws of mental development to education.

IV. PEDAGOGY. 1. Special Methods in History and Literature, Natural Science, Geography, and Reading.

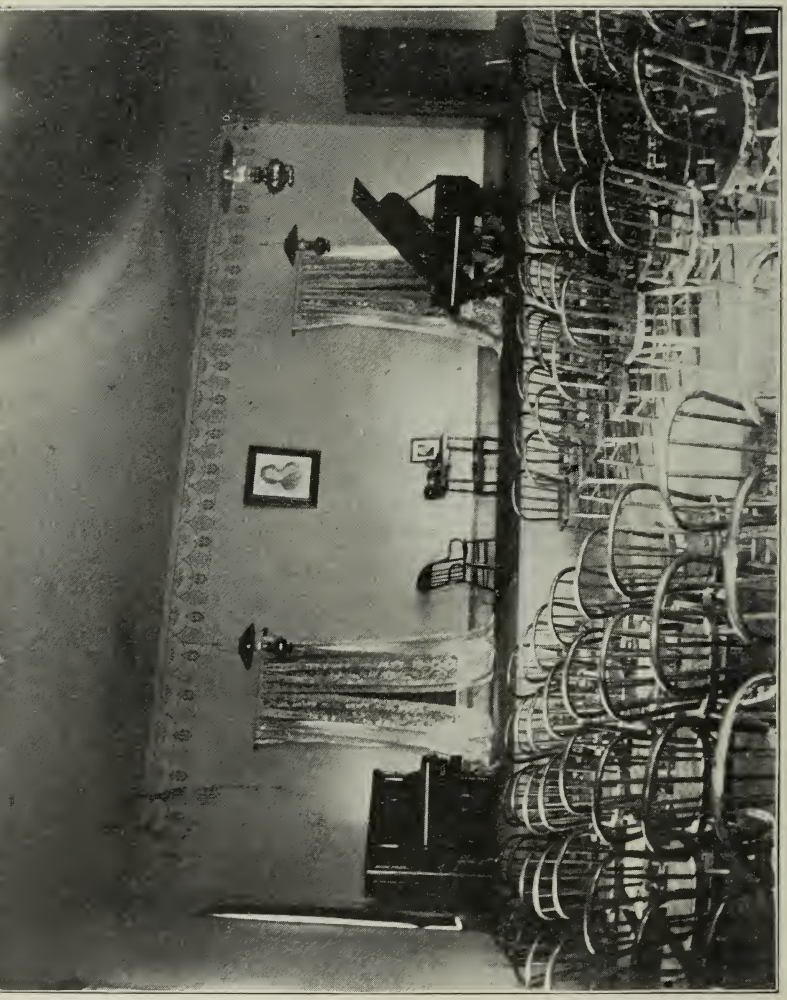
2. General Method. Topics for study: (1) Chief Aim of Education; (2) Relative Value of Studies; (3) Nature of Interest; (4) Concentration; (5) Apperception; (6) Induction; (7) Correlation of Studies.

V. HISTORY OF PEDAGOGY. A brief course in the study of ancient and modern educational theories and systems.

VI. PENMANSHIP. The object is to acquire a neat and legible style of writing.

Two hours per week.

For other subjects mentioned in the Normal Course, see Preparatory and College Courses.



PHILLIPS MUSIC HALL.



Western College Conservatory of Music has its own building (Bright Memorial), which has been arranged to suit the necessities of Conservatory work. It is centrally located, and contains a beautiful and commodious concert hall, recital room, and twelve lesson and practice rooms, including Director's office, and is adequately supplied with instruments. The Conservatory (Phillips) Hall, which has a seating capacity of two hundred and fifty, has ample stage room, and is well lighted and heated, and is a favorite place for public affairs. The larger concerts are given in the United Brethren Church, a few steps away, seating seven hundred, in which is the large two-manual organ used by the Conservatory. The Director has charge of the chorus in this church, which chorus is one of the principal musical features of the town.

One great advantage of musical work in a College Conservatory is the atmosphere of study and the literary opportunities that offer themselves. The musical student may here have a choice of collateral studies from Classical, Scientific, Commercial, Elocution, or Plastic Art Courses of Study.

It is advised that music students carry one literary study, and it is equally advisable that college students, if they have any musical talent, pursue some branch of musical work. Music is the art that appeals to the largest number of people. And a literary education without a knowledge of music is nearly as weak as a musical education without a knowledge of literature. The study of music gives as much mental drill as the same application to college studies will give.

CURRICULUM.

PIANO. PIPE- AND REED-ORGAN. VOICE.

CHORUS. HARMONY. GENERAL THEORY. HISTORY.

ORCHESTRAL AND BAND INSTRUMENTS.

PIANO.

The piano, the household orchestra, occupies a place of dignity and value, and should have treatment commensurate with its place as a factor in musical education. The foundation of piano technique is flexibility of the fingers, hand, and arm. Next comes the acquirement of strength in these members. With this foundation, we arrive at a correct and musical touch. Hand gymnastics are great aids in this work, and save much of the drudgery of dry, unmusical practice. The Director's system of hand gymnastics is used, as outlined in his "Hand Gymnastic Leaflet." The Mason system of scale practice makes that task more interesting and valuable.

The study of the Piano, as well as other musical work, will be along really musical lines, the selection of *etude*, sonata, and piece work being made with reference to their musical value, as well as to the special necessities of the pupil, and the maintaining of a lively interest in his work. While the old classics will live on, much pedagogical music has gone out of date, and should be replaced by that which more truly represents the modern spirit and progress. Our plan is to use a minimum of dry technical exercise with a maximum of music, but the flashy and shallow style has no place in our work.

The curriculum is chosen from the standard composers, not omitting modern European and American writers. It is unnecessary to state the list in detail.

By the end of the first year, pupils should be playing music of the grade of Clementi's Sonatinas; second year, Kuhlau's and the easier Mozart Sonatas, and the easier of Mendelssohn's Songs Without Words; third year, Bach's two- and three-part Inventions, Beethoven's easier Sonatas, Chopin's easier works, Kullak's Octave Studies.

This outline of these three years of work represents in a general way the Normal Course, for which the diploma of the course is given, the other requirements of theoretical study, etc., having been met.

For the completion of the full course another year is required, including such work as some of the Bach fugues, Chopin's larger works, such as Op. 40, 29, and 31, and Beethoven's Sonatas, such as, Op. 10, 13, 26, and 27.

Throughout the Course, the "Standard" and "National" Courses of *Etudes* are used, as giving in condensed and inexpensive form the necessary work of this style.

The compositions here named represent in only a general way the stages of advancement. Such works are, of course, accompanied by the necessary technical studies and selections in free forms. To complete the full piano course with its adjunct theoretical studies takes pupils of

fair talent about four years. Credit will be given for all previous study that has been done in a satisfactory manner. Especial attention is given to having the pupil acquire a practical *repertoire* of pieces for home and concert use.

Practice Pianos. The Conservatory is amply supplied with pianos, and non-resident students will secure their practice time at the Conservatory, and not elsewhere, unless at the houses in which they room. This rule will be insisted upon.

VOICE.

The voice is the most natural and universal means of musical expression. The basis of good singing is a devitalized and flexible condition of the vocal organs. On this basis the work of "placing" and developing the voice proceeds by gradual but sure steps. The desirable features are flexibility, good quality, clear articulation, strength, and agility, the first two being the most important. To obtain these features, written and printed exercises, solfeggios, and vocalises, together with a judicious selection of songs, are used, and, as progress permits, selections from opera and oratorio. As in piano study, as soon as the pupil is at all capable, a practical *repertoire* is the point aimed at.

The personal peculiarities and necessities of each pupil must be considered more in vocal than in any other musical study. Our work in singing will be prescribed to suit the student's individual needs, and is eclectic, being the Italian method as modified by modern thought and discovery. A specialty is made of English song, for the reason that English well sung is preferable to the treatment frequently given by singers to foreign languages. Good English rather than poor Italian or French. While cultivating the voice, a study of elocution is recommended. Classes of four to eight are formed for vocal study, when desired, at reduced rates.

For graduation in Voice an equivalent of one-half of the full Piano Course and the full Theoretical Course is required.

Choral Class. The choral class is conducted for the study of musical rudiments and of the earlier stages of singing. All Conservatory students are advised to enter it, irrespective of their vocal ability. Instrumental students have need of this as much as vocal students, as it has a direct bearing on piano and other musical studies. It is preparatory to private vocal study and for ordinary singing in church and home. Small vocal classes for the study of rudiments, sight singing, and tone quality, are formed when desired, the tuition rates being thus much reduced.

Chorus. During the past, the Chorus of College and Conservatory students has been a valuable and interesting feature. Study has been made of standard choral works for church and secular purposes. There is no other one form of music so productive of popular interest and education in music as the chorus. In Western College it is conducted at an exceedingly slight expense to the students. All who are capable should avail themselves of this advantage.

ORGAN.

Pipe-Organ. The large pipe-organ in the College Church is available for student work during a part of the school year. Here, when pupils are competent, they may have instruction and practice in accompanying solo, chorus, and congregational singing. The course of study is based on the works of Rinck, Buck, and Whiting, and includes the necessary instructions in manual, pedal, and registration, to fit students for the position of church organist.

Cabinet Organ. This instrument is often improperly studied and played. It has a field of its own, and should have appropriate treatment, in many respects different from the piano. When properly played it is of much value in church and social circles and in musical education. It is here taught so as to be preparatory to piano and pipe-organ. The greater scope of the piano need not deter one from learning how to play the cabinent organ properly.

BAND AND ORCHESTRAL INSTRUMENTS.

These are taught by competent instructors. When pupils are capable, they have an opportunity to do practical work in the College or city bands. The violin is especially recommended for study, as many persons who cannot have a piano or organ can, at slight expense, procure a violin and acquire considerable skill. The violin instruction is along the best lines of study. Cornet, clarinet, mandolin, and guitar are included under this head.

THEORETICAL AND HISTORICAL STUDIES.

Harmony, dealing with chord formation and progression, is a vital part of musical knowledge, and is necessary for the understanding of what one plays or hears. It bears the relation to music that grammar does to language, and hence is an essential part of a musician's equipment. We aim to teach Harmony in an interesting as well a thorough manner. The text-books used are Emery's Elements of Harmony, and

Gow's Structure of Music. The course is four terms in length, leading to original work in composition.

General Theory treats of numerous subdivisions of musical knowledge not included in Harmony or History. It is, perhaps, the most valuable single theoretical study, including, as it does, so many points of practical value to the musician. A short outline of the work is as follows: First term—Acoustics, notations, musical terms, signs, abbreviations, etc. Second term—Development of musical forms, ancient and modern forms and styles of composition. Third term—Forms concluded, character and usage of the various orchestral instruments. Text-books, Elson's Theory of Music and Henderson's Orchestra and Orchestral Music.

Musical History. Recognizing the value of a historical knowledge of music, the Director conducts a class in Musical History, without charge, for such pupils as wish to acquire a broader view of the subject. This work is done on the reading and lecture plan, and is of much value to earnest students. Text-books, Mathews's Popular History of Music and Henderson's How Music Developed. Students should pursue this study in the Fall Term of their Senior Year.

The above work in General Theory and in Harmony, and the reading course in History, are required in both the Normal and full course.

GENERAL INFORMATION.

Entrance. Although entrance at the beginning of the term is much preferable, pupils may register at any time for the unexpired portion of the current term. On securing the Treasurer's receipt to their registration card, their lessons begin. Tuition fees are required in advance, and the full number of

Lessons due a pupil is guaranteed, unless lost by pupil's absence. The teacher will not be responsible for lessons lost by pupil's negligence or misfortune. No deduction for absence the first or last week of the term. Instruction is in the form of *half-hour private lessons* twice per week, though in some special cases lessons may be taken once per week, but in such cases progress is of necessity much slower. Lessons will not be given on days observed by the College as holidays. A specialty is made of building a correct foundation for children as well as for adults. The increased local enrollment of young people is a matter of congratulation. Much excellent work has been done by them during the past year.

Music may be ordered through the Director at a discount of from ten to forty per cent., providing music bills are paid at the end of each month.

CONCERTS AND RECITALS.

Students have occasional opportunities to hear recitals by excellent artists and concert companies, and lectures on music and other subjects.

Students' Recitals. In addition to the above, there are frequent pupils' recitals, sometimes for pupils only, and sometimes before the general public. These are occasionally accompanied by descriptive talks by the Director. These recitals are of great value to the pupil in acquiring ease and confidence in public appearance. Students are required to attend regularly and to take part in them as directed. During the Senior year of the course the pupil is required to give a Recital for Graduation. These have in the past years proved of great value and interest.

Graduation. Those who reach a satisfactory completion of the required work in one or more studies of their choice, together with Harmony, General Theory, and History, and who have a general education the equivalent of the usual high-school course, having given their Recital for Graduation, will be granted the Conservatory Diploma.

Living Expenses are quite low in Toledo. Board and room may be obtained at from $2.25 to $3.50 per week, $2.75 being an ample allowance. With reasonable economy, the necessary expenses of a year in the Conservatory need not exceed $225.

Post-Graduate Study. Graduates of this or other schools may continue their work here in practical or theoretical lines. Graduation implies the completion of a moderate degree of work for teaching purposes, but in the nature of the case, the pupil's knowledge of the wide literature of music, even at graduation, must be limited. Post-graduate study, built on the previous years of work, leads the student out into a more general knowledge and broader musical culture. This course is especially urged for those who have the opportunity to take it, or who desire to do especially good work in teaching.

Student Teachers. During the Senior year of the regular course, such pupils as show aptitude and desire for this work may gain experience in teaching classes of children, under the Director's oversight. This is a valuable feature for those who are preparing to teach after graduation.

Library. Once per year Conservatory pupils pay to the Treasurer a fee of twenty-five cents, which fees are devoted to the purchase of current musical literature, which is kept at the Conservatory, and which the pupils are urged to read. All pupils also have the use of the College Library.

Conservatory Pin. The Conservatory has adopted as its special pin a design in appropriate lettering and colors, neat but inexpensive. Nearly all who register in the Conservatory wear this pin. An engraving of it is given below.

RATES OF INSTRUCTION.

	Fall Term.	Winter or Spring Term.
Piano, Organ, Voice, or Violin (two lessons per week)	$18 00	$15 00
(Children under 14, $4 less than above.)		
Piano, Organ, Voice, or Violin (one lesson per week)	9 00	7 50
(Children under 14, $2 less than above.)		
Cornet, Clarinet, Guitar, etc., $1 less than the rates for regular Piano lessons.		
Harmony of General Theory, in class, each	5 00	4 00
Chorus Class (according to size of class)	1 50 to 3 00	
Piano or Cabinet-Organ Practice (one hour per day)	3 50	3 00, 2 50
Pipe-Organ Practice	5 00	4 00
Diploma Fee		5 00

Correspondence invited and inquiries gladly answered. Address the President or the Director.



COLLEGE OF COMMERCE.

J. A. WARD, Principal.

A Commercial Course is valuable on account of both the mental training it affords and the practical knowledge gained. No training is more conducive to habits of carefulness and accuracy. That the importance of business education is being recognized to-day as never before is evidenced by the unusual provisions being made for it in the way of city commercial high schools, and commercial departments in our large universities, such as the University of Chicago. It is a fact generally recognized that the man who can write a good business hand, construct a concise and intelligent communication, who understands the principles of law governing commercial instruments, and can dispatch with accuracy and rapidity ordinary business transactions, has a decided advantage. To impart this ability is the aim of Western College of Commerce.

The Commercial Department occupies pleasant and commodious apartments on the second floor of the main college building. Here the students form a business community in which each one, beginning with a cash capital of five thousand dollars in college currency, is required to carry on various kinds of wholesale and retail business, buying and selling for currency, checks, notes, drafts, and on account, keeping a record of the same according to the principles of double entry bookkeeping.

JUNIOR PRACTICAL DEPARTMENT.

The Ellis Tablet System is used in this Department which necessitates the performance of actual business transactions from the very beginning of the course. The sets to be worked out are the General Jobbing, Wood and Coal, Hay and Grain, Wholesale Grocery, Produce and Provisions, Commission, and Lumber (single entry in Lumber). The time required in this Department is usually about six or eight weeks.

SENIOR PRACTICAL DEPARTMENT.

Here the student begins face-to-face business with other students. The kind and amount of work are indicated in the guide, but only such assistance is given as the Principal deems advisable, and in case of failure to secure correct balances, the student is required to do the set again. The sets included in this Department are the Flour and Feed, General Jobbing, Manufacturing, and General Produce (currency only in this set). Time required usually about two months.

OFFICE DEPARTMENT—WHOLESALE HOUSES.

We have two wholesale houses which enlarge our scope of trade. Here all articles of trade are bought and sold in either large or small quantities. The goods are ordered by letter, sent through our college post-office. The bill of the goods is returned through the same. The settlement is made by buying a bank draft at the bank and remitting the same through the post-office, the goods being received at the freight-office.

BANK.

Here the student performs the duties of teller, discount and collection clerk, cashier, and bookkeeper. Business transactions of all kinds are carried on the same as in actual business. The books, sixteen in number, are made especially for banking purposes.

COMMISSION HOUSE.

Here he receives invoices, consignments, and shipments, buys and sells on joint account and commission, makes statements, renders returns, and settles all claims.

The branches that students are required to have grades in before completing the course are:

COMMERCIAL LAW. As a branch of study in the Commercial Course, Commercial Law embraces such statutes as relate to the transaction of ordinary business. Whoever does business of any kind, either for himself or for others, should have sufficient knowledge to enable him to do it legally.

BUSINESS ARITHMETIC. This branch receives that attention which its importance demands, and is taught with that special object in view. Drills in rapid calculation are given, and the most practical methods are employed throughout the work.

BUSINESS CORRESPONDENCE. Nothing exposes one's ignorance more than his correspondence, or exhibits his abilities so well. A well written letter is of itself a first-class recommendation. This subject is taught two hours per week during one term of the course.

BUSINESS PENMANSHIP. That good, plain writing is the essential element of a business education is questioned by none. Thorough instruction is given in this branch by an experienced teacher of penmanship.

GRAMMAR AND SPELLING are given due attention. Two terms' work in Grammar is required before completing the course, and this may be

taken in the regular class in the Normal Department without paying tuition.

EXPENSES AND GENERAL INFORMATION.

The tuition for full course is $30 when paid in advance. When paid in installments, the first charge is $12, and each of the other two $10. An office fee of $2 is charged to pay for blank-books and materials used in the offices.

The books cost about $8. The time for the average student is about six months, although some complete the course in less time. All the general work is done by individual instruction.

Regular classes are conducted in the above branches throughout the year. New classes are formed each term, or oftener if the case requires. Other information will be given by addressing the Principal.

DIPLOMA.

No one can take a diploma who has not satisfactorily completed the entire regular course. He will also be required to have passed successfully, either in the College Normal Course or elsewhere, an examination in all the common school branches. The fee for a diploma is $2.50.



SHORTHAND AND TYPEWRITING.

MISS MAUD EBERSOLE, Principal.

There is a steadily increasing demand for stenographers in every line of business, for three reasons. One is that no busy man can afford to take the time to write his letters in longhand. The second is that every thorough-going business man knows that he cannot afford to send out any other than typewritten letters, for if he does, he is at once branded as either a penurious or unprosperous man. The third reason is the most important of all; the business world is constantly striving to crowd the most possible work into the least possible time, and one of the most important factors in the accomplishment of this end is the stenographer's pencil.

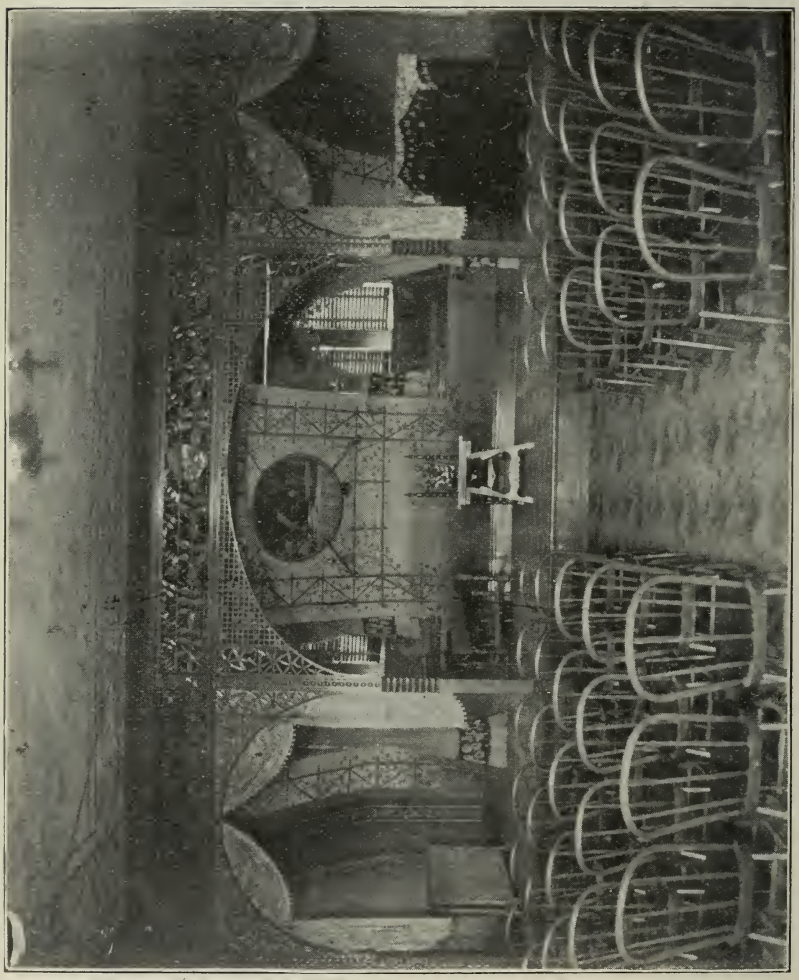
Owing to this ever-widening field of labor, any one wishing to secure a living with a small outlay of time and money cannot do better than to take up this work. The time required to complete the course is from three to six months, the student being allowed to advance as rapidly as his ability and natural aptitude for the work will permit.

EXPENSES.

The tuition for the course is $25 when paid in advance. When paid in installments, the first payment is $12, the second $10, and the third $5. Added to this there is the cost of text-book, $1.50, and a library fee required of all students in all departments of the College of 25 cents. Diploma fee, $2.50. Use of typewriter free.

DIPLOMA.

Before obtaining a diploma from this Department, the student must have completed the common branches in the Normal Course of the College or elsewhere, and must be able to take dictation from new matter at the rate of one hundred words per minute, and the notes must be transcribed on the typewriter at the rate of thirty words per minute.



YOUNG MEN'S INSTITUTE.

SCHOOL OF ELOCUTION AND ORATORY.

MINNE W. GATES, PRINCIPAL.

This School teaches the Art of Expression as based on natural laws, and gives a thorough and systematic training in all forms of expression. It is a school for training and culture as well as theoretic instruction and acquirement. Students are not taught an artificial system, but are led to study nature for themselves. The work is suited to the individuality of the pupil, but under general rules.

The course of instruction is thoroughly practical, and will be valuable to the student in every-day life as well as in professional work. For those preparing for the ministry, the course in Bible and Hymn Reading is especially adapted. This branch of elocutionary work has been sadly neglected. Students in the College will find the work of this School helpful to them in their work in the literary societies.

The art of Elocution cultivates the voice, perfects the articulation and pronunciation, improves the respiration, and gives ease and grace to position and movement. It strengthens the memory, exercises the imagination, and cultivates the taste and judgment. The exercises in Physical Culture strengthen the lungs, expand the chest, and invigorate all the physical powers.

COURSE OF INSTRUCTION.

JUNIOR YEAR.

FALL TERM. Voice culture, with special drill on the elements of force, quantity, pitch, articulation, modulation, quality of voice, and breathing. Elementary work on gesture and pantomime. Practical application of principles of gesture to selections from standard authors. Drill on stage and platform deportment. Study of plays by Shakespeare. Physical culture. Recitals by pupils. English Composition.

WINTER TERM. Voice development. Sight reading and studies in impersonation. Exercises in story telling. Bible and hymn reading. Study of play continued. Recitals to give pupils ease and grace in addressing an audience. General review of work of fall term. Essay on elocution. English Composition and Physiology.

SPRING TERM. Humorous, dramatic, and pathetic recitation and criticism. Bible reading continued. Finishing of play and presentation of selected scenes. Extemporaneous speaking. Pantomimic expression. Review of year's work. English Composition.

SENIOR YEAR.

Fall Term. Advanced work in physical and vocal culture. Study of general laws governing all phases of expression. Practice of series of movements to develop unity in the action of the whole body, and to secure control and coöperation of all agents used in expression. Delsarte system of gesture and philosophy of expression, calculated to eliminate both affected and exaggerated forms of expression. Study of Shakespearian play. Practice recitals. Rhetoric.

Winter Term. Special course in Bible and hymn reading, to eradicate faults peculiar to clergymen. Advanced rendering and analysis of classic selections. Study of play continued. Dramatic action and physical culture. Practice in teaching. Public recitals by pupils for drill in presenting all styles of selections. Delsarte philosophy continued. Oration. Review of Shakespearian play and sketch of author's life. English Literature.

Spring Term. Evolution of oratory. Special work in voice and gesture, with individual and private drill. Development of the proper action of the mind in speaking. Bible reading, with practice on sermon delivery. Discussion of important questions of the day, with criticism. Dramatic action. Recitals. Play finished and selected scenes presented, with lecture on play by Principal. Practical review of the two years' work. American Literature.

The plays for study during the course will be selected from the following: Macbeth, Hamlet, Merchant of Venice, Julius Cæsar, and As You Like It.

Recitals. The bi-monthly students' recitals are held in the College Chapel. Members of the School take part in these programs in recitations, dialogues, scenes from standard plays, and orations.

At the close of the winter term the Junior Class gives an annual recital in Conservatory Hall, a bright and artistic room with a large stage. In the spring term occur the graduating recitals of the Senior Class.

Within the school year of 1898-9 the School of Elocution has given over thirty public programs.

Pupils' public work will be under the supervision of the teacher, and opportunities to appear in public entertainments will be given as proficiency warrants.

GRADUATION.

Candidates for graduation must have taken at least eighteen credits in the Preparatory Department of the College or their equivalent elsewhere (a "credit" being one term of one study), and the course in Rhetoric and Literature of the Sophomore year of the College courses.

Those who have completed the Course in a satisfactory manner and have given a Recital for Graduation will be granted a diploma of the School. Fee for diploma, five dollars.

One term of private lessons is required during the winter or spring terms of the Senior Year in addition to the regular class work.

GRADUATE COURSE.

This will cover one year's work of three terms of private lessons. The work will include advanced gesture and pantomime. Normal training in all departments of oratorical study. Practice in conducting classes. Extemporaneous speaking. Practice in debate. Advanced vocal culture. Preparation of current literature for platform presentation. Special work to meet the requirement of the pupil for particular training along any special line.

Requirement as to Recital for Graduation and diploma fee the same as in ordinary course.

"WESTERN COLLEGE ENTERTAINERS."

This organization is composed of Mrs. Gates and a number of her advanced pupils. Its purpose is the giving of elocutionary and dramatic recitals for churches, societies, schools, etc. During 1898-99, members of this company have given recitals in over fifteen towns with the most gratifying success.

GOLD MEDAL.

The annual contest for the Gold Medal offered by the Principal for the best self-prepared declamatory work was won this year by Mr. Joseph M. Skrable, of Elberon, Iowa. This contest is open to all undergraduates.

Students in this Department are subject to the same regulations as those in the College proper, unless especially excused.

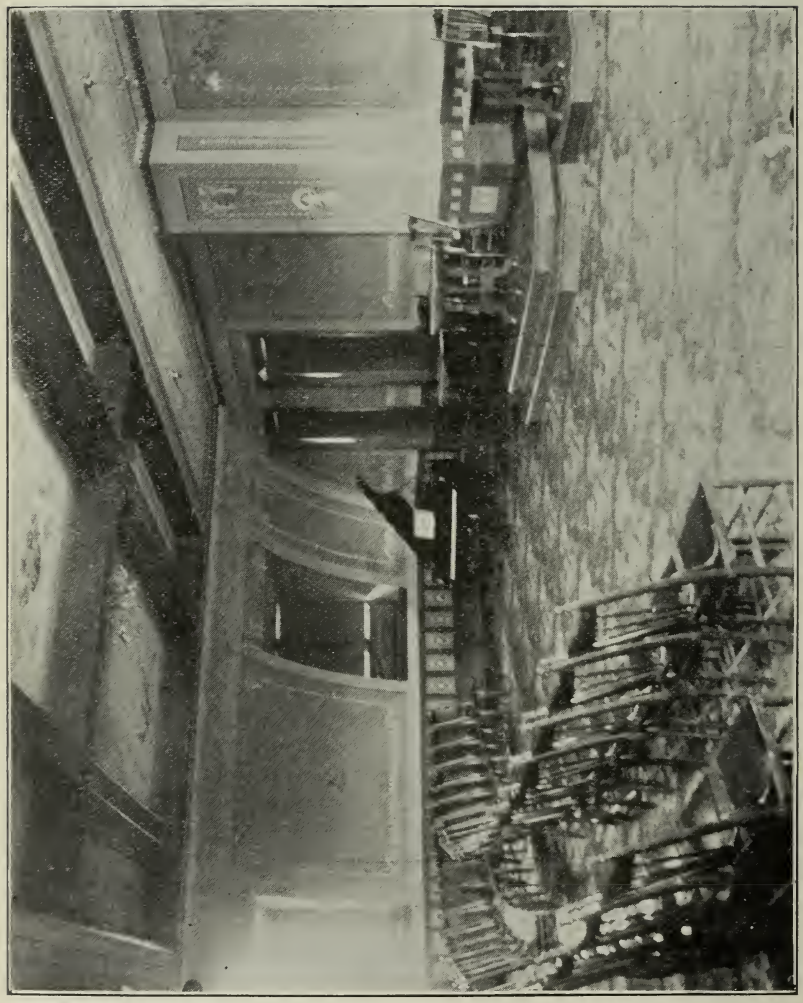
Those who desire to do so may take the Course in private lessons, and thus make more rapid progress. Private drills given on special work for those who desire it, whether in the regular course or not.

RATES OF TUITION.

Fall term, class lessons daily	$10 00
Winter term, class lessons daily	8 00
Spring term, class lessons daily	8 00
Single private lessons (one hour)	1 00
Course of twenty private lessons (45 minutes each)	15 00

College studies in Elocution Course not included in elocution tuition fee.

For any further information and a handsomely illustrated circular, apply to Minne W. Gates, Toledo, Iowa.



PHILOPHRONEAN HALL.

DEPARTMENT OF ART.

MRS. KATHERINE L. REAMER, Instructor.

The instruction in this Department is designed to educate the mind to the principles of Art, and to train the eye and hand to its practice. The instruction will include the study of form, proportion, light and shade, color, and perspective. The full Course embraces three years' work, but students will be promoted as fast as their ability and accomplishments warrant. Those who have had the advantages of instruction will be promoted to the stage of work for which they are fitted.

The Studio is well furnished with plaster-casts from the antique, casts of fruits and flowers, geometrical models, outlines and shaded studies for drawing from the "flat," and selected studies for painting in oil, china, or water-colors, pastel and crayon drawing.

The work of the students will not be taken from the Studio until the close of the year. An exhibition of work done in the Studio will be held during commencement week.

COURSE OF INSTRUCTION.

FORM—FREE-HAND OUTLINES FROM THE "ROUND."

1. Geometrical and Conventional Forms. 2. Ornament, Foliage. 3. Animal Forms, Human Figures.

PROPORTION—FREE-HAND OUTLINES FROM THE "ROUND."

1. Geometrical Solids. 2. Plaster-Casts, Geometrical Figures.

LIGHT AND SHADE.

1. Drawing and Shading from Geometrical Models. 2. Drawing and Shading from Plaster Casts of Fruit, Flowers, Hands, Feet, Faces, and from Casts of Antique Busts.

PERSPECTIVE—CRAYON DRAWING.

1. Portraits. 2. Landscapes. 3. Shaded Drawings from Casts.

WATER-COLOR PAINTING AND PASTEL.

1. Landscapes. 2. Fruit, Flowers. 3. Still Life from Objects. 4. Portraits.

OIL PAINTING.

1. From Plaster Casts in Monochrome. 2. Landscape, Fruit, and Flowers from Copy and from Nature. 3. Still Life from Objects.

CHINA PAINTING.

1. Outline Designs on Tiles. 2. Conventional Patterns and Naturalistic Designs. 3. Decoration of Tableware.

TUITION.

Portrait painting, per twenty lessons, three hours each	$15 00
Painting in oil or water-colors, per twenty lessons	10 00
Crayon drawing, per twenty lessons	8 00
Pencil drawing (lessons two hours), per twenty lessons	3 00



Biological Laboratory.

STUDENTS.

COLLEGIATE DEPARTMENT.

SENIOR CLASS.

Field, Frank Edson.....cl.....Dover, Illinois
Hammitt, Leon L.....cl.....Garwin
Holstead, Grace.....cl.....Toledo
Locke, Charles Edwin.....ph.....Tama
Mathern, Albert.....sc.....Garwin
Mericle, Clarence Bert.....cl.....Toledo

JUNIOR CLASS.

Cunningham, Nettie.....ph.....Chariton
Jorgensen, Theodore.....ph.....Toledo
Overholser, Julia Shuey.....ph.....Coleta, Illinois
Smith, Mildred Honens.....cl.....Toledo
Talbot, Lois Luella.....ph.....Toledo
Wolpert, Grace.....ph.....Denver, Colorado
Wyand, Samuel Snyder.....cl.....Goodell

SOPHOMORE CLASS.

Akin, Rilla Irene.....cl.....Toledo
Auracher, Charles Edgar.....ph.....Lisbon
Bear, Wilson Grant.....sc.....Orangeville, Illinois
Benson, Ernest Allen.....cl.....Gladbrook
Berger, Charles Emmett.....cl.....Toledo
Bookwalter, Grace.....ph.....Toledo
Bookwalter, Alice.....cl.....Toledo
Coddington, Harry.....ph.....Princeton, Illinois
Donat, Walter Scott.....cl.....Toledo
Harrison, William Johnston.....sc.....Toledo
Hutchison, Lillian Blanche.....cl.....Toledo
Irons, James Wallace.....sc.....Toledo
Jackson, George Brown.....cl.....Toledo
Smith, Mabel.....ph.....Toledo
Stouffer, Wesley Rinehart.....cl.....State Center
Thompson, Hollen Samuel.....ph.....Toledo
Trindle, John Robert.....cl.....Van Meter
Ward, Arthur Allen.....cl.....Odon, Indiana
Yessler, Joseph Urvin.....ph.....Western College

FRESHMAN CLASS.

Beck, Andrew E	sc	Toledo
Camery, Edith	sc	Toledo
Chitty, Mabel	sc	Toledo
Cramer, Hiram Walter	cl	Bagley
Crenshaw, Frank Benjamin	sc	Tama
Cronk, Nellie May	cl	Toledo
Emerson, Glenn Wilford	sc	Colesburg
Gohn, Clayton C	sc	York Haven, Pennsylvania
Goodell, Frank Leroy	sc	Tama
Hill, Sadie	sc	Tama
Hix, Ralph Mason	cl	Muscatine
Howland, Charles	sc	Toledo
Morton, Claude Henry	sc	Toledo
Morse, Alonzo Ray	sc	Toledo
Newland, Josephine	ph	Wellman
Rebok, Lona	sc	Toledo
Richey, John Jefferson	ph	Polo, Illinois
Skrable, Joseph Martin	cl	Elberon
Struble, Grace	sc	Toledo
Smith, Riley	cl	Toledo
Talbot, Elizabeth	cl	Toledo
Thompson, Grace Rosalie	sc	Tama
Tibbetts, Nellie	sc	Toledo
Walters, John Perry	cl	Toledo
Willett, James Horace	cl	Tama
Yaggy, Jacob Henry	cl	Toledo

SPECIAL SCIENCE STUDENTS.

Berger, Arthur A	Toledo
Dean, Chas. N	Toledo
Mills, A. O	Toledo
Speaker, Alvin L	Toledo

PREPARATORY DEPARTMENT.

SENIOR YEAR.

Brackney, Herman John	Washta
Davison, Arthur O	Walnut City
Doty, Earl Isaac	Clarksville
Hedges, Chas. Theodore	Lisbon
Leusch, Fred Martin	Crystal

Lewis, Tracy Garfield.....Alexandria, Ind
Myers, J. Frank.....Lisbon
Roe, Barnette Freeman.....Winnebago City, Minn
Stauffer, Clyde Homer.....Gladbrook

MIDDLE YEAR.

Behrens, Chas. Frederick.....Toledo
Breaw, Thos. Gordon.....Sewell
Breaw, Mrs. Ora.....Sewell
Cook, Cora.....Tama
Daggett, Mae.....Conrad
Foster, Chas. Eldon.....Toledo
Goodhile, George Nicholas.....Manchester
Ganser, Hattie Eveline.....Morley
Hedges, Chas. Ray.....Colo
Johnson, Edna.....Toledo
Johnson, Ernest Simeon.....Toledo
Mohn, Russell Reitzel.....Mt. Vernon, S. D.
Miller, Harley Travy.....Oneida
Nease, Rolland Everhard.....Winston, Ill
Porter, George William.....Scranton
Stuart, Rolland M.....Winslow, Ill
Stubbs, Chas. Reeves.....Conrad
Sacks, Ina Louisa.....Ogden
Young, Chauncey L.....Toledo

JUNIOR YEAR.

Blazek, William.....Chelsea
Blazek, Joseph.....Elberon
Bear, Charles Daniel.....Orangeville, Illinois
Convers, Marguerite.....Hancock
Coddington, Charles James.....Princeton, Illinois
Dickman, Wallace Edmund.....Westgate
Davis, Charles Wheeler.....Waterville, Minn
Dixon, Rachel.....Ogden
Emerson, Nina Pearl.....Colesburg
Ennis, Charles Wilbur.....Toledo
Field, Albert Chester.....Dover, Illinois
Ferris, Emery.....Toledo
Foster, Francis Marion.....Avon, Wisconsin
Gethmann, Maggie.....Gladbrook
Giger, Samuel Albert.....Toledo

Hoak, Amos G.....Woosung, Illinois
Higgs, Alfred Randolph.....Brough
James, Henry.....Wintersett
James, Emma May.....Eyota, Minnesota
Kleespie, Margaret.....Traer
Lichtenwalter, Sara.....Toledo
Lathrop, Lela.....Toledo
McDaniel, Charles Milroy.....McBride
Moore, William.....Toledo
McNeeley, Harry.....Russell
Parsons, Harry Clifford.....Elberon
Price, Clinton Burton.....Conrad
Powers, Hines Alonzo.....Scranton
Rogers, Ada Anna.....Eagle Point, Illinois
Smeltzer, Hattie.....Redfield
Smeltzer, Julius.....Redfield
Stanfield, George Alexander.....Lake City
Shoop, Gladys.....Anamosa
Studebaker, Lulu.....Toledo
Tressie, William.....Long Point
Ulch, James Joseph.....Elberon

NORMAL.

Abbe, Ina Myrtle.....Garwin
Adams, Chas. Wesley.....Bloomingdale, Wisconsin
Barr, Mae.....Van Wert
Dolen, Myrtle.....Dell, Wis
Eliott, Noble Otterbein.....Sycamore, Ill
Eernise, Anna.....Garwin
Ebersole, Mabel.....Toledo
Grant, Belle.....Conrad
Hougham, Wm. Emmet.....Adel
Havens, Pearl.....Conrad
Moore, Alice Marian.....Garwin
Newlun, Mamie.....Valley, Wis
Pearson, Hortie.....Toledo
Reeme, Wm. George.....Toledo
Reeme, Pearl.....Toledo
Reedy, Floy.....Toledo
Rich, Mattie.....Chelsea
Shover, James Ervin.....Monticello
Sisson, Albert.....Whitten
Thomas, Gertrude May.....Moville
Wells, Lucy.....Sumner
Wells, Mabel.....Sumner
Williams, Ray.....Toledo

CONSERVATORY OF MUSIC.

PIANO AND ORGAN.

Bomgardner, Mary Frances.....Orangeville, Illinois
Bonwell, Mae.....Toledo
Bookwalter, Ruth.....Toledo
Carleton, Ione.....Toledo
Carleton, Leda.....Toledo
Dixon, Rachel.....Ogden
Hammitt, Nella.....Garwin
Hart, Edyth.....Toledo
Hix, Ralph M.....Muscatine
James, Emma.....Eyota, Wisconsin
Jones, Lee.....Toledo
Junker, Ida.....Toledo
Kirkpatrick, Pearl.....Toledo
Louthan, Martha.....Toledo
Mason, Cora Anna.....Toledo
McCormick, Estelle.....Toledo
Mitchell, Blanche.....Osceola
Morford, Alice.....Toledo
Parker, Florence.....Toledo
Patterson, Amy.....Toledo
Phillips, Hattie.....Toledo
Powers, Hines Alonzo.....Scranton
Rebok, Zella.....Toledo
Smeltzer, Hattie.....Redfield
Smith, Maude.....Toledo
Smith, Ruth (Senior).....Toledo
Soth, Inez.....Toledo
Sterling, Odessa.....Anamosa
Talbot, Lois.....Toledo
Thompson, Grace.....Tama
Willett, Margaret (Senior).....Tama
Withington, Laura.....Toledo

SINGING.

Beck, Andrew E.....Toledo
Bomgardner, Mary Frances.....Orangeville, Ill
Carder, Charles E.....Toledo
Coddington, Harry.....Princeton, Ill
Dixon, Rachel.....Ogden
Ennis, Charles W.....Toledo
Harrison, William J.....Toledo
Hart, Edyth.....Toledo
Hix, Ralph M.....Muscatine
Jackson, George B.....Toledo
Lichtenwalter, Frank.....Toledo
Louthan, Marie.....Toledo
McCormick, Estelle.....Toledo
Mohn, Russell Reitzel.....Mt. Vernon, S. D.

Parsons, Harry.....Elberon
Roe, Barnette F.....Winnebago City, Minn
Skrable, Joseph M.....Elberon
Sterling, Odessa.....Anamosa
Talbot, Lizzie.....Toledo
Thompson, Hollen.....Toledo
Tibbetts, Nellie.....Toledo
Ward, Arthur A.....Odon, Ind
Willett, Margaret.....Tama

HARMONY AND GENERAL THEORY.

Bomgardner, Mary Frances.....Orangeville, Ill
Hammitt, Nella.....Garwin
Hart, Edyth.....Toledo
Mason, Cora.....Toledo
McCormick, Cora.....Toledo
Parker, Florence.....Toledo
Patterson, Amy.....Toledo
Phillips, Hattie.....Toledo
Powers, Hines A.....Scranton
Smith, Lucy.....Toledo
Smith, Maude.....Toledo
Smith, Ruth.....Toledo
Soth, Inez.....Toledo
Sterling, Odessa.....Anamosa
Thompson, Grace.....Tama
Willett, Margaret.....Tama

COLLEGE OF COMMERCE.

Austin, Roy.....Seattle, Washington
Benesh, Geo. L.....Vining
Blazek, Wm. F.....Chelsea
Brower, William.....Moville
Blinkensop, A. J.....Belle Plaine
Dillree, Ray E.....Toledo
Emerson, Clarence L.....Toledo
Elliott, Clarence H.....Berwick
Foster, F. M.....Avon, Wisconsin
Goodell, F. L.....Tama
Gethmann, Ferdinand.....Gladbrook
Hedges, C. R.....Colo
Jackson, Will.....Moville
Krezek, John.....Toledo
King, Geo. E.....Toledo
La Dow, B. R.....Toledo
Meyers, Ralph H.....Lisbon
McIntire, E. G.....Toledo
Price, Clinton.....Conrad
Richards, R. B.....Toledo
Sullivan, Chas.....Toledo

Shaulis, H. W.....Bristow
Taylor, W. L.....Anamosa
Ward, A. A.....Odon, Indiana
Wade, A. G.....Toledo
Withington, Ray B.....Toledo
Williams, Harry O.....Van Orin, Illinois
Packard, R. J.....Greene

SHORTHAND.

Blazek, W. F.....Chelsea
Clinker, Linnie.....Tama
Osborn, Ethel.....Seattle, Washington
Rines, Ruth.....Toledo

SCHOOL OF ELOCUTION AND ORATORY.

GRADUATE COURSE.

Harrison, Anna Louise.....Toledo
Smith, Mabel.....Toledo

SENIOR YEAR.

Auracher, Charles Edgar.....Lisbon
Higgs, Alfred Randolph.....Brough
Irons, James Wallace.....Toledo
Lathrop, Lela May.....Toledo
Newland, Josie.....Wellman
Rogers, Ada Anna.....Eagle Point, Illinois
Skrable, Joseph Martin.....Elberon

JUNIOR YEAR.

Hart, Edyth Margarita.....Toledo
Hill, Sadie Hermia.....Tama
James, Emma M.....Eyota, Minnesota
Jones, Susie Belle.....Toledo
Leusch, Fred Martin.....Crystal
Smith, Ethel.....Toledo
Smith, Etta.....Toledo
Smith, Maud.....Toledo
Shoop, Gladys Gail.....Anamosa
Tibbetts, Jessie Belle.....Toledo
Yessler, Joseph Urvin.....Western College

ART DEPARTMENT.

Newton, Maude.....Gladbrook

SUMMARY.

COLLEGE.	
Seniors	6
Juniors	7
Sophomores	19
Freshmen	26
	58
SPECIAL.	
Students	4
PREPARATORY.	
Seniors	9
Middle	19
Juniors	36
	64
NORMAL.	
Students	23
CONSERVATORY OF MUSIC.	
Students	50
COLLEGE OF COMMERCE.	
Students	31
SCHOOL OF ELOCUTION AND ORATORY.	
Students	20
ART.	
Students	1
Total enrollment	251
Names counted twice	41
Net enrollment	210

DEGREES CONFERRED, 1898.

A.B.

John W. Coddington New Haven, Conn.
Charles F. Ward New Haven, Conn.
Louise J. Wolpert Chicago, Ill.

Ph.B.

Ethel Bookwalter Cambridge, Iowa
John N. Lichty Havana, Cuba

ALUMNAL ASSOCIATION

President—Vivian V. Carleton, A.M. Class of '85
First Vice-President—Gazelle Halstead Rogers, A.B. Class of '88
Second Vice-President—J. W. Coddington, A.B Class of '98
Third Vice-President—Albert E. Slessor, B.S. Class of '88
Recording Secretary—Ethel Bookwalter, Ph. B Class of '98
Historical Secretary—Henry W. Ward, A.M. Class of '88
Treasurer—John A. Ward, B.S. Class of '89

TRUSTEES.

Thomas D. Wilcox, B.L., Class of '88 Term expires June, 1899
Robert E. Williams, A.M., Class of '72 Term expires June, 1900
Richard L. Purdy, A.B., Class of '94 Term expires June, 1901



Main Building.

CATALOGUE

OF

Western College

FOR THE YEAR

1899-1900



TOLEDO, IOWA
PUBLISHED BY THE COLLEGE
1900

WORDS TO FRIENDS.

The year has been one of gratifying success. The internal life of the College, intellectual, social, and spiritual, has been excellent. The number of students enrolled is a fine gain upon the recent past. Encouraging progress has been made in the liquidation of the debt. The sum total of debt is the lowest figure reached for years.

The present paramount duty of the friends of the college is the entire liquidation of its debt, as proposed in the new plan recently placed before the people. This movement proposes the securing by January 1, 1902, in cash and obligations, the sum of $50,000, by which the entire debt will assuredly be provided for. We have at last come to the place where the final freeing of the College from its long-endured burden of debt is within our reach; but to achieve this will require a united and liberal effort on the part of all its friends. Already many are responding to this call with liberal sums, and the work of direct appeal for aid will be pushed with vigor. The task is great and the time is short. Let friends voluntarily send in their gifts. The united prayers and the generous offerings of all the friends of Western College are asked in behalf of this vital movement.

CALENDAR.

1900.

Fall Term will begin.....Wednesday, September 12
Fall Term will end.....Tuesday, December 18

WINTER VACATION—TWO WEEKS.

1901.

Winter Term will begin.....Wednesday, January 2
Day of Prayer for Colleges.....Thursday, January 24
Winter Term will end.....Tuesday, March 19

SPRING VACATION.

Spring Term will begin.....Tuesday, March 26
Spring Term will end.....Thursday, June 13

SUMMER VACATION—THIRTEEN WEEKS.

Fall Term will begin.....Wednesday, September 11
Fall Term will end.....Tuesday, December 17

The enrollment and registration of students begins on the day preceding the opening of each term.

PUBLIC OCCASIONS.

1901.

Baccalaureate Sermon, 11:00 A.M., June 9.
Christian Association Anniversary, 8:00 P.M., June 9.
Anniversary of Literary Societies, 8:00 P.M., Monday, June 10.
Annual Meeting of Board of Trustees, 10:00 A.M., Tuesday, June 11.
Field-Day, Tuesday, June 11.
Alumnal Meeting, 8:00 P.M., Tuesday, June 11.
Exercises of Graduates of the Normal Course, 9:30 A.M., Wednesday, June 12.
Graduating Exercises of Conservatory and School of Oratory, 8:00 P.M., Wednesday, June 12.
Commencement, 9:30 A.M., Thursday, June 13.
Commencement Concert, 8:00 P.M., Thursday, June 13.

CORPORATION.

TRUSTEES.

Iowa Conference—

Rev. M. R. Drury, A.M., D.D., Rev. L. B. Hix, and Rev. W. I. Beatty, A.M., D.D.

Des Moines Conference—

Rev. George Miller, D.D., Rev. G. O. Porter, and A. H. Shambaugh.

Rock River Conference—

Rev. J. Groff, J. W. Boggess, and D. C. Overholser.

Minnesota Conference—

Rev. G. H. Varce, Wm. O. Haney, and Rev. U. A. Cook.

Wisconsin Conference—

Rev. Ida Richards, Rev. J. H. Richards, and Thomas Gillingham.

Alumnal Association—

Rev. R. L. Purdy, A.B., Rev. R. E. Williams, A.M., and W. C. Smith, M.S.

Trustees at Large—

Leander Clark, W. W. Runkle, and Joseph Storm.

OFFICERS.

Rev. George Miller, D.D., *President.*
Daniel Reamer, *Secretary.*
S. R. Lichtenwalter, *Treasurer.*
John A. Ward, *Assistant Treasurer and Bookkeeper.*

EXECUTIVE COMMITTEE.

President L. Bookwalter, *Chairman.*
W. H. Withington, *Secretary.*
E. R. Smith, M.D. W. F. Johnston.
D. McIntyre. S. R. Lichtenwalter.
Rev. N. F. Hicks, *Field Agent.*

FACULTY.

REV. LEWIS BOOKWALTER, A.M., D.D., PRESIDENT,
Professor of Philosophy.

BENJAMIN F. McCLELLAND, A.M., VICE-PRESIDENT,
Professor of English Literature and History.

HENRY W. WARD, A.M.,
Professor of the Greek and Latin Languages.

FLORENCE M. CRONISE, PH.B.,
Professor of Modern Languages.

ROMANZO ADAMS, PH.M.,
Principal of the Normal Department and Professor of Sociology and Political Economy.

JOHN A. WARD, B.S.,
Assistant Professor of Philosophy.

J. FRANK YOTHERS, PH.B.,
Professor of Mathematics.

THOMAS E. SAVAGE, B.S.,
Professor of Natural Science.

GEORGE PRATT MAXIM,
Director of Conservatory of Music.

MARIE BOOKWALTER,
Teacher of Voice.

MARY R. PETERSON,
Instructor in Elocution and Oratory.

KATHERINE L. REAMER,
Instructor in Drawing and Painting.

JOHN A. WARD, B.S.,
Principal of College of Commerce.

W. A. BRENNER,
Instructor in Shorthand and Typewriting.

HENRY W. WARD, A.M.,
Librarian.

LECTURES.

The following lectures were delivered before the students under the auspices of the Faculty:

Opening Address,
Hon. H. J. Stiger, Toledo.

Hon. L. G. Kinne, Des Moines,
"Our State Institutions."

President L. Bookwalter, D.D.,
"Travels in Europe."
(Two lectures.)

Rev. M. R. Drury, D.D.,
"Travels in California."

Hon. J. W. Caldwell,
"Lincoln."

Hon. J. W. McConnell,
"True Ideals in Education."

Geo. Pratt Maxim,
"Chinese Music."

Prof. T. E. Savage, B.S.,
"Eclipses."

GENERAL INFORMATION.

HISTORICAL.

The first steps toward founding Western College were taken by the Iowa Annual Conference of the United Brethren in Christ, held at Muscatine, in August, 1855. The school was located at Western, Linn County, on February 11, 1856, and was incorporated under the laws of the State in the following month. The work on the college building was pushed vigorously, and on January 1, 1857, the doors were opened for the reception of students. The College was removed to Toledo in 1881, and the new building was ready for occupancy in September, 1883. On Christmas night of 1889, the main College building, with all its contents, except the library, burned to the ground. The present structure was immediately begun, and stands a monument to the liberality of the people of Toledo and the Church, and to the energy of the authorities in charge.

CONTROL.

Western College is controlled by a corporate board, composed of representatives from the Alumni, five coöperative conferences of the United Brethren Church, and three trustees at large.

PURPOSE.

While no sectarian principles are sought to be imposed upon the student, a correct moral and Christian character is regarded as a matter of the utmost importance, and all diligence will be employed to secure this very desirable result. The completest liberty is granted to the religious convictions of each individual and denomination. The design is to afford to all who will strive for it the opportunity of gaining a liberal education, under healthful moral influences.

THE LOCATION

is admitted to be one of the choicest in the central Northwest. Toledo is the county seat of Tama County, and is situated on the Chicago & Northwestern Railway, about fifty miles west of Cedar Rapids and twenty miles east of Marshalltown. The city is in the midst of a rich agricultural district, which insures prosperous life and permanent

growth. The situation is healthful and beautiful. The citizens are intelligent, cultured, and progressive. The business men are public-spirited and accommodating. The moral influence of the community is surpassed by none. The town has city water-works, electric lights, and an electric street-car line connecting it with Tama.

MAIN BUILDING.

The main building, one hundred and fifty by eighty feet, three stories and a basement, is one of the best college buildings in the State. Its large and cheerful recitation-rooms, four tasteful and beautiful society halls, choice lecture-room, admirable arrangement throughout, and its hot-water system of heating in every part, adapt it remarkably well to the aid of the teacher as well as to the convenience and profit of the student.

BRIGHT CONSERVATORY OF MUSIC

is tastefully furnished throughout, and takes first rank among buildings of the kind in the State. It is established in memory of Rev. John C. Bright, our first missionary secretary, and one of the first and warmest friends of music and education in the Church.

An important and very attractive part of this building is Phillips Music Hall, named for a lover of music and a generous donor toward its erection, Mrs. Ella C. Phillips, of Toledo.

MARY BEATTY HALL

is the fine boarding-hall for young women, furnished in modern style. It is a very pleasant home near the main building. It is named in memory of Mrs. Mary Beatty, deceased, who gave liberally toward its erection.

DRURY HALL.

Across the street from the College grounds is the young men's hall, a well kept and popular hall for rooming and boarding.

THE COLLEGE CHURCH.

is a model of architectural excellence and beauty. It has a seating capacity of about one thousand, is provided with lecture and Sunday-school rooms, and is heated by furnace and lighted by electricity. Its internal arrangement and furniture are universally admired. It is furnished with a pipe-organ of excellent quality and tone, which is used by the Conservatory of Music.

THE RAILWAY FACILITIES

are excellent. Parties coming to Toledo from the east, west, or south may take the Chicago & Northwestern, or Chicago, Milwaukee & St. Paul to Tama, thence to Toledo by electric street-railway two miles. Persons from the north may come on the Toledo & Northwestern direct to Toledo. On the day preceding term opening and the first two days of each term all trains will be met by a reception committee appointed by the Christian associations of the College.

THREE STANDARD COURSES

leading to the usual degrees are offered in the College—Classical, Philosophical, and Scientific; also a Preparatory Course. These afford a wide range of studies. A careful consideration of these, severally, will show a favorable comparison with similar courses of study in the best institutions of the country.

A NORMAL COURSE,

leading to the degree of Bachelor of Didactics, is offered in addition to the regular College courses. This course will be found to be an admirable preparation for the profession of teaching.

ADJUNCT DEPARTMENTS.

Connected with the institution are a Conservatory of Music, College of Commerce, School of Elocution and Oratory, and Department of Art. These are standard in rank, are supplied with excellent equipment, and are in charge of able instructors.

LITERARY SOCIETIES.

There are connected with the College, under the control of the Faculty, six literary societies—Philophronean, Young Men's Institute, Alphanean, Cyclomathean, Young Ladies' Athenæum, and Calliopean, the last two consisting of young women.

The societies are in a flourishing condition. They have four halls, which occupy entirely the third story of the main College building. These are nicely furnished, and among the most commodious and tasteful literary halls in the West. In these societies the students may become familiar with parliamentary practice, and secure an invaluable discipline in the composition and delivery of literary productions.

LIBRARY.

The College Library consists of several thousand volumes. The Library is open at stated hours for the use of students. Upon the read-

ing-tables will be found a large number of the best daily and weekly papers, besides magazines and reviews. Each student pays a library fee of twenty-five cents a term.

LECTURES.

During the year lectures are delivered by able speakers upon live subjects, covering a wide field. Also the "Toledo Lecture Course," under the management of the Y. M. C. A. of the College, affords students the opportunity of hearing, at a very moderate expense, some of the best platform and concert talent of the country.

ATHLETICS AND PHYSICAL TRAINING.

On the College campus there is a fine field for athletic sports. The base-ball and foot-ball grounds and tennis-courts are all that could be desired, affording opportunity for abundant exercise in pleasant weather. The gymnasium is well supplied with modern apparatus, and has proven very beneficial to the students and the College. This department is managed by the Young Men's Christian Association, under the supervision of the faculty.

Y. M. C. A. AND Y. W. C. A.

Our Young Men's and Young Women's Christian Associations exert an important moral and religious influence. They form the center of the vigorous spiritual life of the College. All students are invited to become members. They meet weekly in their elegant hall, situated on the first floor of the main building. They are conducted by the young people themselves in harmony with the college associations of the land.

RELIGIOUS SERVICES.

Devotional exercises are conducted in the College chapel every morning, except Saturday and Sunday, at ten o'clock. Attendance is required.

Divine services are conducted at 11 o'clock every Sabbath in the United Brethren Church, by the College pastor. All students are required to be present, except those who regularly attend elsewhere. Regular services are also held every Sabbath evening.

In the city are five churches, all of which cordially invite the attendance of the students. Students are welcomed in the Sunday schools, the mid-week church services, and the young people's societies of the churches, and in the Bible classes and weekly meetings of the Young Men's and Young Women's Christian Associations of the College.

ATTENDANCE AT RECITATIONS.

Regularity at recitations is expected of every student. Upon being absent one-tenth of the required recitations of a term in any subject, the student will be required to pass a satisfactory examination on the ground covered in his absence, in order to retain his registration in that subject. Absence from one-eighth of the required recitations of a term in any subject will cancel the student's registration in that subject. A committee of the faculty on reinstatement may restore canceled registration upon conditions in each case determined.

EXAMINATIONS.

Public written examinations are held at the close of each term. An examination must be had before a student can receive a standing in his studies. The grade on examination will count one-third, and the average recitation grade two-thirds, in the term average. A student whose term average is below sixty-five per cent. in any study must repeat the study with another class, or take a second examination after further preparation.

DEGREES.

The degrees of A.B., Ph.B., and B.S. are given upon completion of the corresponding course of study.

The degrees of Master of Arts, Master of Philosophy, and Master of Science are conferred on candidates of good moral character, who, having received the corresponding Bachelor's degree from this or from any other college of equal standing, shall complete one of the courses of study indicated below:

1. One year's study in residence at the College, with presentation of thesis.

2. Three years' study *in absentia* in lines of work approved by the faculty, with presentation of thesis and examination at the College.

3. Completion of course in a professional school of approved standing, including the presentation of a thesis; such institutions include medical, law, and divinity schools.

Persons whose graduate study is done *in absentia*, and who desire to make application for the Master's degree, will communicate with the faculty not later than the first Friday in the spring term of the year in which they wish to obtain the degree.

Diplomas shall be signed by the faculty only after the fee is paid, which is $5.00 for each of the degrees.

ROOMS AND BOARD.

Non-resident students are expected to secure homes at the halls until all the rooms are taken.

Beatty Hall is the College home for young women to the number of twenty-eight. The building is a large brick structure, with rooms $12\frac{1}{2}$ x 15 feet, and closets $3\frac{1}{2}$ x 7. The rooms are carpeted, thoroughly ventilated, heated with steam, and furnished with bedstead, mattress, wire mattress, commode, toilet set, chairs, table, and lamp. Bedding is also furnished. Students furnish their own towels and oil. On the second floor of the building is a commodious bathroom.

The purpose is to provide for young women coming from abroad a home under the best of influences and at the lowest cost at which it can be afforded. Young men, also, board at Beatty Hall.

At Drury Hall young men room, and both young men and young women board. The rooms are furnished with all things needful, towels and oil excepted.

Many private families open their houses to students, so that abundant accommodations may be secured in town, in style and price to suit the taste of every one. Students rooming in town will be expected to observe the same regulations as those rooming in the College halls. It is always best to secure accommodations through the President before coming to Toledo. In any case, the student, upon arrival, should call upon the President for information.

GOVERNMENT.

The regulations of the College are few and simple. Students are placed upon their honor and personal responsibility. Special rules are announced from time to time as circumstances may demand.

ADDITIONAL ITEMS OF INTEREST.

Half tuition is charged for those taking one study.

All dues are payable each term in advance, and will not be refunded except in cases of protracted sickness.

EXPENSES.

TUITION.

Preparatory, Normal, and College Classes.

FALL TERM.	WINTER TERM.	SPRING TERM.
$13.00.	$12.00.	$11.00.

For rates of tuition in adjunct departments of Music, Commerce, Elocution, and Art, see those departments.

ROOMS AND BOARD.

Room rent at Beatty Hall, for each student, two in a room, per week	$0 50
Heating at Beatty Hall, per week	30
Table-board at Beatty Hall, per week	2 00
Room rent at Drury Hall, for each student, two in a room, per week	50
Table-board at Drury Hall, per week	2 00

At Drury Hall students furnish their own heat.

Board and room in private families from $2.50 to $3.00.

Text-books vary in cost from five to twelve dollars per year.

To reduce expenses a number of students board themselves. Not a few secure work in the town by which a part or all of the cost of living is met.

The student can make his expenses at college largely what he may choose. Most of our students, without giving any time to self-help, cover all the necessary expenses of the year with from $160.00 to $185.00.



COLLEGE.

REQUIREMENTS FOR ADMISSION.

Graduates of approved high schools and academies are admitted to the Freshman class without examination on presentation of diploma or certificate of work done. Other students are admitted on passing a satisfactory examination in the studies named below or on completion of our own preparatory course. Real equivalents for the studies required may be accepted at the discretion of the Faculty.

I. English. English Lessons (Lockwood). Literature—Palamon and Arcite, The Vicar of Wakefield, Ancient Mariner, Last of the Mohicans, Silas Marner. In addition to the above, which are to be studied critically, the student is expected to have read intelligently the following: Shakespeare's Merchant of Venice, Irving's Sketch-Book, Hawthorne's Twice Told Tales, Longfellow's Evangeline, Scott's Lady of the Lake, Scott's Ivanhoe, and Tennyson's Princess.

II. Latin. Grammar, Allen & Greenough or an equivalent. Reading (a) Viri Romæ; (b) Cæsar's Gallic War, four books; (c) Cicero, five orations; (d) Virgil's Æneid, six books; (e) Latin Prose Composition, Moulton & Collar or an equivalent. For (a) and (b) Greenough, Collar, & Daniell's Second Year Latin will be accepted.

III. Mathematics. Algebra. Elementary, including quadratics, ratio, proportion, and variation. Geometry, plane and solid, with special attention to original demonstrations.

IV. Greek. Grammar and Greek Lessons, two terms. Anabasis, one book.

V. German. Thomas's Grammar, Bernhardt's Noveletten, and Grimm's Mærchen, or equivalents of the above.

VI. Natural Science. Physics, Gage's Elements or an equivalent, two terms. Botany, general morphology and systematic work with the use of any of the standard laboratory guides, one term.

VII. History. Ancient and Mediæval, two terms. Meyer's or an equivalent.

Classical students will omit Course V. of the above. Philosophical and Scientific students will omit Course IV.

ADMISSION BY CERTIFICATE FROM IOWA SCHOOLS.

The College Department of the Iowa State Teachers' Association has adopted minimum entrance requirements uniform for all the colleges of the State. To meet these requirements a high school

course of study must be not less than four years of thirty-six weeks in length, following the usual elementary course of eight years.

The Committee on the Unification of College Entrance Requirements, charged with the duty of determining which high schools of the State meet these requirements, has authorized the publication of the following lists of accredited and partially accredited high schools and academies:

GROUP I.

The following schools are accredited as making full preparation for one or more of the courses of the colleges of the Collegiate Department of the Iowa State Teachers' Association:

Ackley,
Adel,
Albia,
Algona,
Ames,
Anamosa,
Atlantic,
Bedford,
Boone,
Britt,
Brooklyn,
Burlington,
Carroll,
Cedar Falls,
Cedar Rapids,
Centerville,
Charles City,
Cherokee,
Clarinda,
Clarion,
Clinton,
Columbus Junction,
Corning,
Council Bluffs,
Cresco,
Creston,
Davenport,
Decorah,
Denison,
Des Moines, E.,
Des Moines, N.,
Des Moines, W.,
Dubuque,
Eagle Grove,
Eldora,
Emmetsburg,
Estherville,
Fairfield,
Forest City,
Ft. Dodge,
Ft. Madison,
Geneseo, Ill.,
Glenwood,
Greene,
Greenfield,
Grinnell,
Guthrie Center,
Guthrie County,
Hamburg,
Hampton,
Harlan,
Ida Grove,
Independence,
Iowa City,
Iowa Falls,
Jefferson,
Keokuk,
Knoxville,
Le Mars,
Leon,
Lyons,
Manchester,
Maquoketa,
Marengo.
Marion,
Marshalltown,
Mason City,
McGregor,
Missouri Valley,
Moline, Ill.,
Montezuma,
Mount Ayr,
Muscatine,
Nevada,
New Hampton,
Newton,
Onawa,
Osage,
Osceola,
Oskaloosa,
Ottumwa,
Parkersburg,
Perry,
Red Oak,
Rhinebeck,
Rockford,
Rock Rapids,
Sanborn,
Sheldon,
Shenandoah,
Sibley,
Sigourney,
Sioux City,
Spencer,
Storm Lake,
Stewart,
St. Angar's Seminary,
Taylorville Tp.,
Taylorville, Ill.,
Tipton,
Traer,
Villisca,
Vinton,
Washington,
Waterloo, E.,
Waterloo, W.,
Waukon,
Waverly.
Webster City,
West Liberty,
Williamsburg,
Cedar Valley Sem., Osage,
Charles City Coll. Prep.,
Decorah Institute.
Denison Normal School,
Dexter Normal School,
Epworth Seminary,
Howe's Acad., Mt. Pleasant,
Iowa City Academy,
Michigan Military Acad.,
Sac City Institute,
Urbana Schroeder Acad.,
Washington Academy,
Whittier College,
Wilton German-English College,
Woodbine Normal School.

GROUP II.

The following schools are entitled to recognition, some of them as doing sufficient work of the kind and quality required to entitle their students to enter the freshman class with the four conditions allowed by the committee on secondary school relations, to be made up after entrance to college; others to the acceptance of work without examination, as far as it will go, though they have not sufficient studies to admit their students to the freshman class. Some have made application for a place on the accredited list, but as the data for the full decision is insufficient, and the opportunity for visiting has not yet presented itself, the application is filed for one year, and their work is accepted without examination, as far as it goes:

Adair,
Allerton,
Anita,
Audubon,
Avoca,
Bloomfield,
Brighton,
Belle Plaine,
Capital Park,
Chariton,
Charter Oak,
Clarence,
Clearfield,
Cedar Lake,
Colfax,
Correctionville,
Corydon,
DeWitt,
Dysart,
Eldon,
Elkader,
Exira,
Fayette,
Fonda,
Fontanelle,
Garner,
Glidden,
Grundy Center,
Holstein,
Hubbard,
Humboldt,
Keosauqua.
Kingsley,
Lake Mills,
Lime Springs,
Manning,
Mapleton,
Mechanicsville,
Milton,
Monticello,
Morning Sun,
Moulton,
Mount Pleasant,
Nashua,
Neola,
North English,
Northwood,
New Sharon,
Oak Park,
Odebolt,
Oelwein,
Orange City,
Pella,
Riceville,
Richland,
Rolfe,
Sac City,
Shelby,
Shell Rock,
Sioux Rapids,
Springdale,
Springville,
State Center,
Tabor,
Tama City,
Victor,
Wapello,
West Union,
Wilton,
Winfield,
Calhoun County Normal School,
Hawarden Normal School,
Nora Springs Seminary.

CLASSICAL COURSE.

	Fall Term.	*Winter Term.*	*Spring Term.*
FRESHMAN.	Greek. Latin. Algebra. Essays.	Greek. Latin. Algebra and Trigonometry. Essays.	Greek. Latin. Trigonometry. Essays.
SOPHOMORE.	Greek. Latin. Rhetoric. Elective: German. / Analytical Geometry. — One required.	Greek. Literature. Bible. Elective: English Hist'ry. Calculus. / German. — One rq'd. Essays.	Greek. Literature. Elective: Zoölogy. / German. / Calculus. — Two required. Essays.
JUNIOR.	Logic. Chemistry I. Elective: Greek. / Latin. / German. French. / Literature. — Two required. Orations.	Psychology. Chemistry II. Elective: Greek. Latin. / German. / Pedagogy. / French. Literature. — Two required Orations.	Ethics. Political Economy. Elective: Greek. Latin. / German. / French. / Literature. / Botany II. — Two required. Orations.
SENIOR.	Elective: Geology I. / History of Philosophy. / History of Civilization. / Mechanics. / Modern European History. / Latin. / Greek. — Four req'd.	Elective: Geology II. / Theistic Belief. / Introduction to Philosophy. / Advanced Physics. / Constitutional History. / Latin. Greek. — Four req'd.	Elective: Sociology. / Histology. / International Law. / Latin. Greek. / Advanced Physiology. / American History. — Three requir'd.

PHILOSOPHICAL COURSE.

	Fall Term.	*Winter Term.*	*Spring Term.*
FRESHMAN.	German. Latin. Algebra. Essays.	German. Latin. Algebra and Trigonometry. Essays.	German. Latin. Trigonometry. Essays.
SOPHOMORE.	French. Latin. Rhetoric. Elective: German. / Analytical Geometry. — One required. Essays.	French. Literature. Bible. Elective: Advanced Physiology. / English History. / Calculus. German. / Latin. Comparative Anat'my of Vertebrates. — One req'd. Essays.	French. Literature. Elective: German. Latin. / Zoölogy. / Calculus. — Two required. Essays.
JUNIOR.	Logic. Chemistry I. Elective: Latin. / German. / French. / Literature. — Two required. Orations.	Psychology. Chemistry II. Elective: Latin. German. / French. Literature. / Pedagogy. — Two req'd. Orations.	Ethics. Political Economy. Elective: German / Latin. / French. / Literature. / Botany II. — Two required. Orations.
SENIOR.	Elective: Geology I. / History of Philosophy. / History of Civilization / Mechanics. / Modern European History. / Latin. — Four req'd.	Elective: Geology II. / Theistic Belief. / Advanced Physics. / Introduction to Philosophy. / Constitutional History. Latin. — Four required.	Elective: Sociology. / Astronomy. / Histology. / International Law. / Latin. / American History. — Three required.

SCIENTIFIC COURSE.

	Fall Term.	*Winter Term.*	*Spring Term.*
FRESHMAN.	German. Chemistry I. Algebra. Essays.	German. Chemistry II. Algebra and Trigonometry. Essays.	German. Zoölogy. Trigonometry. Essays.
SOPHOMORE.	German. French. Analytical Geometry. Rhetoric. Essays.	German. French. Bible. Elective { Calculus. / Literature. / English History. / Chemistry III. } One required. Essays.	German. French. Botany II. Elective { Literature. / Calculus. } One required. Essays.
JUNIOR.	Logic. Mechanics or Comparative Anatomy or Biology. French. Elective { German. / Literature. } One required. Orations.	Psychology. Advanced Physics or Comparative Anatomy or Biology. French. Elective { German. / Literature. / Pedagogy. } One required. Orations.	Ethics. General Biology. French. Elective { German. / Literature. / Political Economy. } One required. Orations.
SENIOR.	Elective { Geology I. / History of Philosophy. / History of Civilization. / Modern European History. / French. } Four req'd.	Elective { Geology II. / Theistic Belief. / Constitutional History. / French. / Advanced Physics. } Four required.	Elective { Sociology. / Astronomy. / Histology. / International Law. French. / Advanced Physiology. / American History. } Three required.

All of the Freshmen will recite five hours per week in each study except those of the Scientific course, who will recite but four times per week in Chemistry. Through the other three years of all the courses there will be four recitations in each study. For detailed statement of the studies see Departments and Courses of Instruction.

DEPARTMENTS AND COURSES OF INSTRUCTION.

PHILOSOPHY.

I. History of Philosophy. The field is well covered—Greek Philosophy, Philosophy of the Middle Ages, and Modern Philosophy. Special Attention is given to Modern Philosophy, which is brought down to the present, Flackenberg and others being authorities in the modern field. Library work is done in Aristotle, Bacon, Locke, Kant, Schelling, Lotze, and others.

Fall Term—Four hours per week.

II. Introduction to Philosophy. This course gives the student a general view of the scope, divisions, and relations of Philosophy, and is designed also to lead to personal philosophical thought. Text—Stuckenburg's Introduction to the Study of Philosophy.

Winter Term—Four hours per week.

LOGIC AND INTELLECTUAL SCIENCE.

I. Logic. Text—Jevons-Hill. The subject is studied with an eye to the practical application of its principles to reasoning and scientific investigation.

Winter Term—Four hours per week.

II. Psychology. Ladd's Outlines of Descriptive Psychology is used as a text. Topical references are made to standard works, such as Schuyler and Hœffding. In the field of Physiological Psychology the authors referred to are Ribot and Ladd.

Winter Term—Four hours per week.

POLITICAL ECONOMY AND SOCIOLOGY.

I. Political Economy. This subject is studied by means of a text, supplemented by lectures on American Industrial History. The history of tariff and monetary legislation receives some attention.

Spring Term—Four hours per week.

II. Sociology. Small and Vincent's text is used as a guide, while Giddings and other authors are studied. The American Commonwealth, Bryce; Profit-Sharing, Gilman; Municipal Government in Great Britain, Shaw; and Mayo-Smith's Statistics and Sociology are used for reference and reports. The purpose is to have the student gain a clear conception of this comparatively new and very important science.

Spring Term—Four hours per week.

ETHICS, EVIDENCES, BIBLE.

I. Ethics. The text is Mackenzie's Manual of Ethics. Along with the study of the admirable outline furnished by this book are discussions and collateral reading.

Spring Term—Four hours per week.

II. Evidences of Christianity. The study of this subject is directed by Fisher's Grounds of Theistic and Christian Belief. Library reading is pursued in such works as First and Fundamental Principles (McCosh) and Harris's Self-Revelation of God. Topics are assigned for special study and report. The modern battle-fields are entered.

Winter Term—Four hours per week.

III. Bible. During the Sophomore year, winter term, four hours per week are given to the study of the English Bible. The fields of history, biography, literature, and doctrine are traversed. Such works as The Beginnings of Christianity, by Fisher, are at the student's disposal in library work.

HISTORY.

I. History of Civilization. Guizot's History of Civilization in Europe is the text. Contemporary European History is given in connection.

Fall Term—Four hours per week.

II. English History. Attention is given to the bearing of the development of the English nation and Constitution upon the institutions of our own country. Either of the following courses may be selected instead: History of Modern Europe (Schwill); History of Germany; History of France.

III. International Law may be correctly placed here, since it is emphatically one, and a very important phase of the evolution of national life and international relations in the world's history. Woolsey's International Law is the text, with Glenn as a leading reference.

Constitutional History may be elected.

Spring Term—Four hours per week.

IV. American History. A study of the National Period, 1783-1817. The work of this course is outlined by lectures. No text is used, but an extensive reading of the best recent historical works is required. This course should be preceded by courses in General History and Political Economy.

Spring Term—Four hours per week.

GREEK LANGUAGE AND LITERATURE.

I. 1. Anabasis, and Forty Lessons of Prose Composition.
2. Anabasis, Grammar Reviewed.
3. Homer, Iliad, Books I.–III.
Five hours per week.

II. 1. Plato, Apology and Crito.
2. Herodotus, Selections.
3. Lysias, Selected Orations.
Four hours per week.

III. 1. Sophocles, Antigone.
2. Aristophanes, The Clouds.
3. Theocritus.
Four hours per week.

Courses II. and III. are given in alternate years.

LATIN LANGUAGE AND LITERATURE.

I. 1. Livy, Books XXI. and XXII.
2. Horace, Odes and Epodes.
3. Horace, Satires and Epistles.
Five hours per week.

II. 1. Cicero, De Senectute et De Amicitia.
2. Cicero, Selected Letters.
3. Cicero, Tusculan Disputations.
Four hours per week.

III. 1. Terence, Two Plays.
2. Pliny, Selected Letters.
3. Tacitus, Agricola and Germania.
Four hours per week.

IV. 1. Juvenal, Satirical Poetry.
2. Lucretius, Two Books.
3. Latin Hymns.
Four hours per week.

These courses are subject to variation from year to year.

GERMAN LANGUAGE AND LITERATURE.

I. 1. Schiller, Wilhelm Tell; Composition.
2. Schiller, Maria Stuart; Hoffmann, Historische Erzählungen.
3. Gœthe, Hermann und Dorothea; Scheffel, Der Trompeter von Säkkingen.
Five hours per week through the year.

II. 1. Lessing, Nathan der Weise; Reviews of Lessing's Masterpieces.
2. Keller, Bilder aus der Deutschen Litteratur.
3. Gœthe, Faust, First and Second Parts; or Gœthe, Iphigenie and Freytag, Aus dem Staat Friedrichs des Grossen.
Four hours per week through the year.

III. 1. Gœthe, Meisterwerke, or Dictung und Wahrheit.
2. Wenckebach, Die Meisterwerke des Mittelatters.
3. Freytag, Bilder aus der Deutschen Vergangenheit; Lessing, Prose.
Four hours per week through the year.

FRENCH LANGUAGE AND LITERATURE.

I. 1. Edgren, Grammar, Composition; Easy Prose.
2. Grammar and Composition Continued; Super, Readings from French History.
3. Grammar and Composition Continued; Super, Readings from French History; Ohnet, Le Chant du Cygne.
Four hours per week through the year.

II. 1. Racine, Athalie; Corneille, Le Cid.
2. Fortier, Sept Grands Anteurs.
3. Victor Hugo, Hernani; Lamartine, Graziella.
Four hours per week through the year.

III. 1. The Drama and Lyric Poetry in the Nineteenth Century.
2. Duval, Histoire de la Littérature Française.
3. Advanced Study of Classics.
Four hours per week through the year.

ENGLISH LANGUAGE AND LITERATURE.

The course in English embraces Rhetoric and English Literature. The science of Rhetoric is studied and applied in composition. The critical faculty is cultivated along with the creative. The purpose of the study of Literature is: First, to cultivate a taste for the best literature and an appreciation of what is good in thought or elevated in style; secondly, to train the student in methods of criticism and original investigation; thirdly, to give him a knowledge of the historical development of literature.

I. Rhetoric. The study embraces the elements and principles of Rhetoric. Required theme writing. These may be presented for examination and may be read in class. Criticism—Subjects will be assigned for written work upon Description, Narration, Argumentation. Special attention will be given to Figures of Speech.

Fall Term—Four hours per week.

II. Shakespeare. The following selected plays will be read with special reference to literary form: Hamlet, King Lear, As You Like It. Attention will be given to development of characters. Written analyses and reports. Certain selections will be committed. Biography is taught incidentally. Lectures on Shakespeare and the drama will be given from time to time.

Winter Term—Four hours per week.

III. American Literature. In connection with the study of choice selections from prominent authors, a text on the "History of American Literature" is used. Lectures will be given on the form and composition of the essay, epic, sonnet, ode, lyric, etc. Collateral reading, with reports.

Spring Term—Four hours per week.

IV. Tennyson. Special study of In Memoriam, Two Voices, Palace of Art, etc. Required readings and reports.

Fall Term—Four hours per week.

V. Special study of the writings of Coleridge, Keats, Shelly, Wordsworth, etc. Required readings and reports.

Winter Term—Four hours per week.

VI. English and American Fiction. Reading and discussion of classics and representative romances and novels. Papers required.

Spring Term—Four hours per week.

MATHEMATICS.

I. Algebra. The work in Algebra consists of a rapid review of radicals and quadratic equations, followed by the study of arithmetic, geometric and harmonic progressions, the binomial theorem, the theory of logarithms with their computation and use, choice and chance, some elementary work in the theory of equations, the solution of equations of higher degree than the second, graphs, complex numbers, and determinants.

Fall Term and first half Winter Term—Five hours per week.

II. Trigonometry. Plane, analytical, and spherical. In connection with this work numerous practical problems relating to surveying, navigation, geodosy, and astronomy, are done.

Last half Winter Term and Spring Term—Five hours per week.

III. Plane Analytic Geometry. The work includes straight lines, circles, loci, and the conic sections, together with a discussion of the general equation of the second degree. Prerequisite—Course II.

Fall Term—Four hours per week.

IV. Calculus. Differential and Integral. Throughout the work numerous applications of the calculus to geometric theorems and to practical problems in mechanics and physics will be made.

Winter and Spring Terms—Four hours per week.

PHYSICAL SCIENCES.

I. Chemistry. 1. This course will treat of the simple elements, their occurrence, properties, reactions, and compounds, also the fundamental principles and laws of chemical combination; metals and non-metals; acids, bases, and salts; valence, atomic weight, Charles's Henry's, and Avagadro's laws, illustrated with problems. It will consist of class work, supplemented by experimental lectures and by laboratory work. Remsen's text will be used and William's Chemical Experiments, General and Analytical, will be used as a laboratory guide. Each student will be supplied with a complete outfit with which to work. To cover cost of chemicals used a fee of $2.50 will be charged.

Fall Term—Four hours per week laboratory, and two of class work.

2. *General Analytical Reactions and Qualitative Analysis.* Preliminary to the work on unknowns, some time will be given to the general analytical reactions of the metals and further drill in the writing of equations. The theory and practice of qualitative analysis will be considered, and the student will analyze compounds in both the solid and liquid form. Twenty-five unknowns, fifteen metals, and ten entire compounds will be determined. Laboratory fee $2.50.

Winter Term—Four hours per week laboratory, and two of recitation.

II. Mechanics and Physics. 1. *Mechanics.* Experimental work and mathematical problems on motion, force, laws of falling bodies, simple machines, pendulum, heat and sound, and the musical scale. Carhart's University Physics will be used. Prerequisites, Trigonometry, and Course 1.

Fall Term—Four hours per week.

2. *Physics.* This will consist of a critical discussion of optics, light —its nature and propagation, photometry, reflection and refraction, spectra, polarization of light, and optical instruments. Text the same as above.

Winter Term—Four hours per week.

III. Astronomy. Cosmogony, nebulæ and stars, comets and meteors, theories of planetary motion, the laws of Kepler and Newton,

and the solar system will be discussed from a scientific and philosophical standpoint. Young's General Astronomy will be used as the text. Prerequisites, Courses I. and II.

Spring Term—Four hours per week.

BIOLOGICAL SCIENCES.

I. General Botany. This course will consist of lectures and laboratory work, and is intended to give a more or less complete view of the kingdom of plants. Typical forms of each of the following groups will be studied: Slime moulds, schizophytes, diatoms, algæ, fungi, liverworts, mosses, ferns, horsetails, club mosses, gymnosperms, and angiosperms. This course is open to all students who are credited with Botany in their preparatory course.

Spring Term—Eight hours per week.

II. General Morphology and Physiology of Plants. A special course consisting of lectures and laboratory work, including collateral reading. A comparative study of the different plant structures is taken up, and the more important problems of vegetable physiology are discussed and illustrated by experiments.

Spring Term—Eight hours per week.

III. Mycology. This is a course in the fungi consisting of laboratory work supplemented by lectures. Students make and classify collections for themselves. The critical study of the collections and the identification of the material collected will be made possible by extensive mycological literature, aided by dried specimens in the herbarium. Special attention will be given to their economic importance.

Fall Term—

IV. General Histology. This course will deal with general histological methods, fixing, staining, embedding, sectioning, and preparing permanent mounts of both plant and animal tissues. Permanent slides of the various tissues will be made by each student. There will be a fee of two dollars in this course to cover the expense of materials.

Spring Term—Eight hours per week.

V. General Morphology of the Invertebrates. This course, with the following, consists of lecture and laboratory work, and is intended to give to the student such a view of the animal kingdom as Course I. gives of the plants. Representative types of the invertebrate groups will be studied and compared, and the lines of evolution considered. Dissecting trays will be furnished, but the student will provide himself with scalpel, scissors, needles, etc., for dissecting.

Fall Term—Eight hours per week.

VI. Comparative Anatomy of the Vertebrates. This follows Course V., and consists of the dissection and comparative study of the structure of the fish, frog, turtle, snake, bird, cat, and dog. Wiedersheim's Comparative Anatomy, and Parker & Haswell's Manual of Zoölogy will be used.

Winter Term—Eight hours per week.

VII. Advanced Physiology. The physiology of digestion, secretion, circulation, metabolism, and the nervous system are the subjects for consideration. Laboratory work will be run parallel with the discussions. Martin's advanced text will be used.

VIII. Geology. 1. *Structural Geology and Continental Evolution.* The geological agencies and forces which have shaped and modified the earth; rocks, metallic veins, organic deposits, mountain-making periods and theories of formation, continental uplift; origin, history, and development of the ocean, lakes, and rivers; subterranean water and artesian wells; volcanoes, geysers, and earthquakes, with the theories of their causes; the glaciers and their effect on topography; and the general evolution of land forms. In addition to the excellent facilities afforded by the Museum, the opportunities in Tama County for field work and observation are good. Local field geology will be emphasized. Text used, Le Conte's Elements of Geology.

Fall Term—Four hours per week.

2. *Historical Geology and Paleontology.* A discussion of the evolution of the earth through its various stages until life appeared. Its gradual development in the successive ages until the highest types are reached; plants and animals as modified by environment and competition; distributive agencies; salt and coal deposits. Attention is given to the chronological succession of strata in the Mississippi Valley, with a study of the lithology, distribution, economic products, and typical faunas of the several formations.

Special use will be made of the large collection of fossil forms in the Museum. Prerequisites, Courses II. and III. Le Conte's text, geological reports, and reviews of various works relating to geology.

Winter Term—Four hours per week.

SCIENTIFIC EQUIPMENT.

The Department of Science is supplied with fourteen good microscopes, mostly new, and of the latest Bousch & Lomb make, two microtomes, and all the accessories required in the successful study of Botany, Zoölogy, Histology, and General Biology. There is a large amount of apparatus for use in Physical Science, illustrating the principles of mechanics, hydraulics, pneumatics, sound, light, heat, and electricity.

The Chemical Laboratory is a separate room where each student works at his own table and is provided with all the apparatus and re-agents needed for gaining a good practical knowledge of general chemistry.

The Museum contains a large collection of minerals and rocks of various kinds, both sedimentary and crystalline, including a great number of volcanic products and a large number of fossils, all of which are an indispensable aid in the study of geology.

The collection contains specimens of many of the common rocks, minerals, ores, and fossils, and is of special value as a study collection. There is a very full set of specimens representing the massive (igneous) rocks, including a rare lot from an old volcano in the South Mountain region of Pennsylvania. The friends of the College are earnestly requested to contribute to the Museum.



PREPARATORY DEPARTMENT.

Students entering the Preparatory Department of the College are supposed to have completed the common school studies, including Arithmetic, Grammar, Physiology, Civics, and United States History. But for the benefit of those who are fitting themselves to teach these subjects, and of those whose preparation in these branches is insufficient to enable them to enter upon the preparatory work of the College profitably, classes are organized as occasion demands. The Preparatory School is under the direct control of the Faculty of the College, and aims to prepare the student thoroughly for admission to the several College courses. Many of those preparing to enter the College courses prefer to do all their preparatory work here in the institution.

PREPARATORY COURSE.

	Fall Term.	*Winter Term.*	*Spring Term.*
FIRST YEAR.	Latin Lessons I. Physical Geography. English Lessons. English Composition.	Latin Lessons II. Literature. General History. English Composition.	Cæsar I. Literature. General History. English Composition.
SECOND YEAR.	Latin—Cæsar II. Algebra I. Physics I. English Composition.	Cæsar III. and Prose Composit'n. Algebra II. Physics II. English Composition.	Cicero I. Algebra III. Botany. English Composition.
THIRD YEAR.	Latin—Cicero II. and Prose Composition. Greek or German. Geometry I. English Composition.	Virgil. Greek or German. Geometry II. English Composition.	Virgil. Greek or German. Geometry III. English Composition.

PREPARATORY COURSE OF INSTRUCTION.

I. English. Grammatical analysis, work in composition, essays written and read in class, criticism and discussion, elements of rhetoric. Text, Lockwood's English Lessons.

Fall Term—Five hours per week.

II. Literature. 1. *Introduction to English Literature.* Discussion concerning the different periods of literature, masterpieces of representative authors read and studied, selections committed. Required reading will be duly assigned.

Winter Term—Five hours per week.

2. *Text on the History of American Literature.* In connection with this study, the class will read entire selections from the leading authors. Reports on the selections and on authors studied required.

Spring Term—Five hours per week.

HISTORY.

General History. 1. A general survey of Egyptian, Roman, Assyrian, and Grecian History. Special topics assigned for papers. Original investigation encouraged.

Winter Term—Five hours per week.

2. A general survey of English, Spanish, French, and German History. Special topics assigned for original investigation.

Spring Term—Five hours per week.

NATURAL SCIENCE.

Elementary Physics. Gage's Elements will be used as a text. There will be four recitations per week, and one laboratory period of two hours. The students will perform all the experiments relating to pneumatics, hydrostatics, heat, light, sound, and electricity, and make a complete study and draw an outline map of the system of electric lights, telephone, telegraph, and street-railway of our city.

Fall and Winter Terms.

BIOLOGICAL SCIENCES.

Botany. Preparatory Course. This course will consist of the study of a typical example of each division of the plant kingdom in reference to osmose, diffusion, transpiration, and other vegetative func-

tions, and also the tracing of the sexual and non-sexual methods of reproduction. The following types were used the past year: Alga, Spirigyra; Fungus, Mucor, and Penicillium; Liverwort, Marchantia; Moss; Funaria; Fern, Pteris Aqualinus; Equisetum, Horsetail; Gymnosperm, White Pine; also, a more critical study and classification of the Angiosperms, including the wild flowers, their vegetative and reproductive organs. Atkinson's elementary text will be used. Four hours class work each week, and two of laboratory with compound microscope, using fresh material and prepared slides.

MATHEMATICS.

I. Algebra. 1. The fundamental operations, factoring, simple equations, and fractions.

2. Fractional equations, and equations containing more than one unknown term, radicals, and theory of exponents.

3. Quadratic equations, ratio, proportion, and variation, and logarithms.

Throughout the Year—Five hours per week.

II. Geometry. 1. Plane Geometry, Books I., II., III., or an equivalent.

2. Plane Geometry completed, and Solid Geometry begun, Books IV., V., and VI.

Throughout the Year—Five hours per week.

3. Solid Geometry completed. Throughout the work in Geometry, particular attention is given to the demonstration of additional theorems, for which the student is required to furnish his own proofs. Numerous practical numerical problems in mensuration are also given in connection with the work.

Throughout the Year—Five hours per week.

GERMAN.

1. Joynes-Meissner Grammar; Composition; Niebuhr, Heroen-Geschichten.

2. Grammar and Composition continued; Storm, Immensee.

3. Prose Composition. Hillern, Höher als die Kirche.

Throughout the Year—Five hours per week.

LATIN.

Three years' study is required in all courses. Two terms are spent on the elements of the language, with Collar and Daniell's First Latin Book as text. One term is given to the reading of selected stories, after

which the course includes selections from Cæsar, equivalent to four books, Prose Composition, five orations of Cicero, and six books of Virgil. Thorough study of grammar and prosody is insisted upon.

GREEK.

Students who expect to enter college prepared for the Classical Course will study Greek for one year. Two terms are given to the study of the elements, White's First Greek Book being used as text. One term is spent on the Anabasis, in which the first book is completed in connection with daily study in forms and syntax.



THE NORMAL COURSE.

The Normal Course is designed to meet the wants of a large class of students who are preparing for public-school work, and cannot see their way clear to complete a full college course. This Course comprises four years' work, and includes the common branches and all the subjects usually taught in the high school, besides courses of a purely professional character.

The time required to complete the work outlined for the first year will depend largely on the character of the previous preparation. Many students avail themselves of this opportunity to make a thorough review of the common branches. Students who do not expect to teach, but who need a more thorough knowledge of the common branches before entering the Preparatory Department, may take work in the Normal Course.

Four courses of a professional character are offered. It is the aim of these courses, not so much to teach methods, as to ground the student in the fundamental principles of education, so that he will be able to develop his own methods of teaching and management.

Those completing this course receive a diploma and the degree of Bachelor of Didactics.

NORMAL COURSE OF STUDY.

	Fall Term.	*Winter Term.*	*Spring Term.*
FIRST YEAR.	Reading and Phonics. Physical Geography. English Grammar. Penmanship Arithmetic.	Reading. Physiology. Arithmetic. English Grammar. U. S. History.	Civil Government. Arithmetic. U. S. History. English Grammar.
SECOND YEAR.	Latin Lessons. English Lessons. Algebra. School Management.	Latin Lessons. English Literature. Algebra. General History.	Latin Lessons. English Literature. Algebra General History.
THIRD YEAR.	Cæsar. Geometry. Physics. Elements of Psychology.	Cæsar and Composition. Geometry. Physics. Pedagogy.	Cicero. Geometry. Botany I. Political Economy.
FOURTH YEAR.	Cicero and Composition. History of Education. Rhetoric. Chemistry.	Virgil. Pedagogy. Psychology or Literature. Chemistry or Biology.	Virgil. Zoölogy. Literature or Ethics.

NORMAL COURSE OF INSTRUCTION.

I. Reading. Phonics. Thorough mastering of the forty-four elementary sounds.

Practice in diacritical markings as used in Webster's Dictionary. The purpose of this work is to furnish the student a scientific basis for teaching the sounds, and to aid him in discovering and correcting faults of speech.

Reading. Selections from standard literature will be studied. The elementary principles of literary analysis, laws of style, etc., are, as far as possible, developed inductively. Intelligent oral expression is made an integral part of the work.

II. School Management. "The law of the school is inherent in the school, and not externally imposed."—*Arnold Tompkins.*

III. Psychology. The work in Psychology consists in the study of the phenomena of consciousness from the standpoint of development, and in the application of the laws of mental development to education.

IV. Pedagogy. 1. Special Methods in History and Literature, Natural Science, Geography, and Reading.

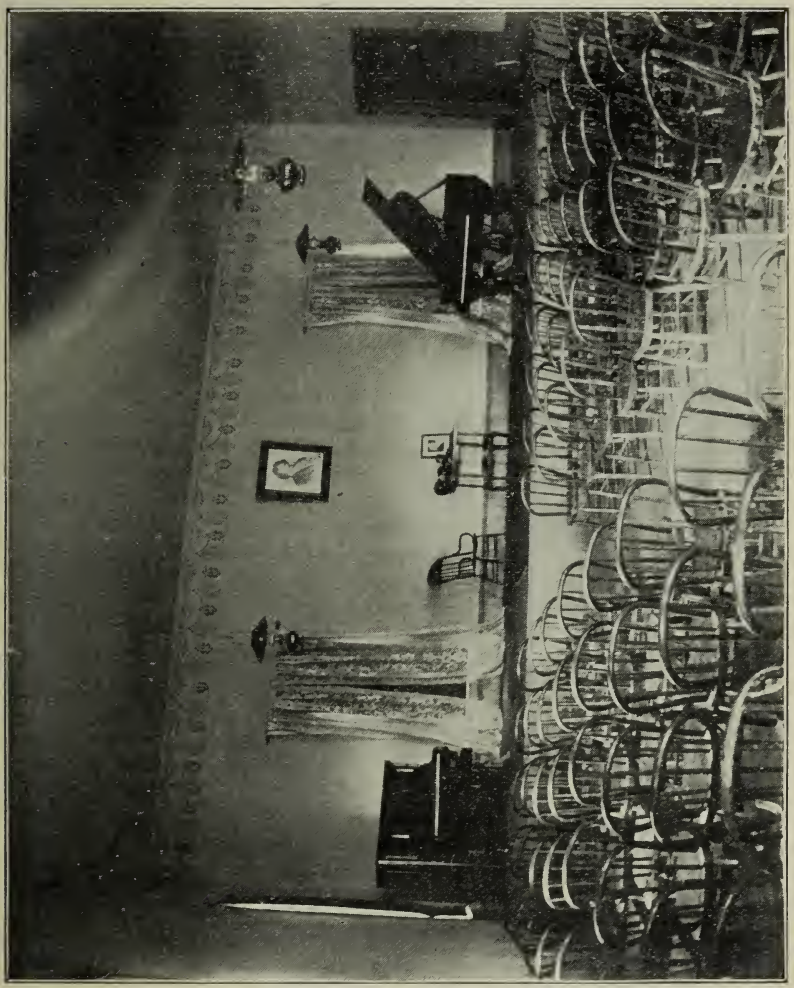
2. General Method. Topics for study: (1) Chief Aim of Education; (2) Relative Value of Studies; (3) Nature of Interest; (4) Concentration; (5) Apperception; (6) Induction; (7) Correlation of Studies.

V. History of Pedagogy. A brief course in the study of ancient and modern educational theories and systems.

VI. Penmanship. The object is to acquire a neat and legible style of writing.

Two hours per week.

For other subjects mentioned in the Normal Course see Preparatory and College Courses.



PHILLIPS MUSIC HALL.

CONSERVATORY OF MUSIC.

GEO. PRATT MAXIM, *Director.*

MISS MARIE BOOKWALTER, *Principal of Vocal Department.*

Western College Conservatory of Music has its own building (Bright Memorial), which has been arranged to suit the necessities of conservatory work. It is centrally located, and contains a beautiful and commodious concert hall, recital room, and twelve lesson and practice rooms, including director's office, and is adequately supplied with instruments. The Conservatory (Phillip's) Hall, which has a seating capacity of two hundred and fifty, has ample stage room, is well lighted and heated, and is, in fact, a favorite place for public affairs. The larger concerts are given in the United Brethren Church, which is only a few steps distant and has a seating capacity of seven hundred, and in which is the large two-manual pipe-organ used by the Conservatory. The music in this Church is by a Quartet Choir under the management of the Director, and forms one of the principal musical features of the town.

One great advantage of musical work in a college conservatory is the atmosphere of study and the literary opportunities that offer themselves. The musical student may here have a choice of collateral studies from Classical, Scientific, Commercial, Elocution, or Plastic Art Courses of Study.

It is advised that music students carry one literary study, and it is equally advisable that college students, if they have any musical talent, pursue some branch of musical work. Music is the art that appeals to the largest number of people. And a literary education without a knowledge of music is nearly as weak as a musical education without a knowledge of literature. The study of music gives as much mental drill as the same application to college studies will give.

CURRICULUM.

PIANOFORTE. ORGAN. VOICE CULTURE.
HARMONY. THEORY. MUSICAL HISTORY. SIGHT-SINGING.
ORCHESTRAL AND BAND INSTRUMENTS.

PIANOFORTE.

The pianoforte occupies a place of dignity and value and should have treatment commensurate with its place as a factor in musical education. The foundation of pianoforte technique is flexibility of the fingers, hand, and arm. Next comes the acquirement of strength in these members. Then, building on this foundation, we form a correct musical touch. Hand gymnastics are great aids in this work and save much of the drudgery of dry, unmusical practice. The Director's system of gymnastics for finger, hand, and arm is used in "hand culture" classes.

The study of the pianoforte, as well as other musical work, will be along really musical lines, the selection of exercise, study, and piece being made with reference to their musical value, as well as to the special necessities of the pupil, and the maintaining of a lively interest in his work. While the old classics will live on, much pedagogical music has gone out of date, and should be replaced by that which more truly represents the modern spirit and progress. Our plan is to use a minimum of dry technical exercise with a maximum of music, but the flashy and shallow style has no place in our work.

The curriculum is chosen from the standard composers, not omitting modern European and American writers. It is unnecessary to state the list in detail.

Normal Course. By the end of the first year, pupils should be playing music of the grade of Clementi's Sonatinas; second year, Kuhlau's and the easier Mozart Sonatas, and the easier of Mendelssohn's Songs Without Words; third year, Bach's two- and three-part Inventions, Beethoven's easier Sonatas, Chopin's easier works, Kullak's Octave studies.

This outline of these three years of work represents in a general way the Normal Course, for which the diploma of the course is given, the other requirements of theoretical study, etc., having been met.

Full Course. For the completion of the full course another year is required, including such work as some of the Bach fugues, Chopin's larger works, such as Op. 40, 29, and 31, and Beethoven's Sonatas, such as Op. 10, 13, 26, and 27.

The compositions here named represent in only a general way the stages of advancement. Such works are, of course, accompanied by the necessary technical studies and selections in free forms. To complete the full piano course with its adjunct theoretical studies takes pupils of fair talent about four years. Credit will be given for all previous study that has been done in a satisfactory manner. Especial attention is given to having the pupil acquire a practical *repertoire* of pieces for home and concert use.

The supplementary courses of study, "Hand Culture" (a course of finger, wrist, and arm gymnastics, calculated to promote flexibility and strength, and to aid in the acquirement of correct position and a musical touch), and "Fundamental Training" (a systemized study of rhythm, notation, musical signs and terms, embellishments, transposition, etc.), are open to all pianoforte pupils without additional expense.

VOICE.

The voice is the most natural and universal means of musical expression; and because of the universality of this delicate instrument wrought by nature herself, is it so desirable that only the most natural method for its development be understood and used. The greatest care is exercised to thus give to the pupil a correct method of voice-placing and tone-production, such as is constantly used and taught by the most noted singers and teachers of America and Europe.

Together with fundamental voice-placing and constant attention to purity and richness of tone, is taught breadth, vigor, refinement, beauty, and delicacy of style in the interpretation of the best works of modern and classical composers.

A period of not less than three years will be required to complete the course of vocal study, including technique and careful training in English, French, German, and Italian songs, with selections from opera and oratorio.

ORGAN.

Pipe-Organ. The large pipe-organ in the College Church is available for student work during a part of the school year. Here, when pupils are competent, they may have instruction and practice in accompanying solo, chorus, and congregational singing. The course of study is based on the works of Rinck, Buck, and Whiting, and includes the necessary instructions in manual, pedal, and registration, to fit students for the position of church organist.

Cabinet Organ. This instrument is often improperly studied and played. It has a field of its own and should have appropriate treatment, in many respects different from the piano. When properly played it is of much value in church and social circles and in musical education. It is here taught so as to be preparatory to piano and pipe-organ. The greater scope of the piano need not deter one from learning how to play the cabinet organ properly.

BAND AND ORCHESTRAL INSTRUMENTS.

These are taught by competent instructors. When pupils are capable, they have an opportunity to do practical work in the College or

city bands. The violin is especially recommended for study, as many persons who cannot have a piano or organ can, at slight expense, procure a violin and acquire considerable skill. The violin instruction is along the best lines of study. Cornet, clarinet, mandolin, and guitar are included under this head.

HARMONY.

Harmony, dealing with chord formation and progression, is a vital part of musical knowledge, and is necessary for the understanding of what one plays or hears. It bears the relation to music that grammar does to language, and hence is an essential part of a musician's equipment. We aim to teach Harmony in an interesting as well as thorough manner. The text-books used are Emery's Elements of Harmony, and Gow's Structure of Music. The course is four terms in length, leading to original work in composition.

THEORY.

Theory treats of numerous subdivisions of musical knowledge not included in Harmony or History. It is, perhaps, the most valuable single theoretical study, including, as it does, so many points of practical value to the musician. A short outline of the work is as follows: First term—Acoustics, notations, musical terms, signs, abbreviations, etc. Second term—Development of musical forms, ancient and modern forms and styles of composition. Third term—Forms concluded, character and usage of the various orchestral instruments. Text-books, Elson's Theory of Music and Henderson's Orchestra and Orchestral Music.

MUSICAL HISTORY.

Recognizing the value of a historical knowledge of music, the Director conducts a class in Musical History, without charge, for such pupils as wish to acquire a broader view of the subject. This work is done on the reading and lecture plan, and is of much value to earnest students. Text-books, Mathew's Popular History of Music, Henderson's How Music Developed, and Ritter's The Student's History of Music.

RECITALS AND LECTURES.

Students have occasional opportunities to hear recitals by excellent artists and concert companies, and lectures on music and other subjects.

Students' Recitals. In addition to the above there are frequent pupils' recitals, sometimes for pupils only, and sometimes before the general public. These recitals are of great value to the pupil in acquiring ease and confidence in public appearance. Students are required to

attend regularly and to take part in them as directed. During the Senior year of the course the pupil is required to give a Recital for Graduation. These have in the past years proved of great value and interest.

Lectures. Each year the Director delivers two series of lectures—one on Musical History, and the other on Musical Form, for the benefit of students in the Conservatory. These lectures have been well attended in the past and apparently have elicited much interest.

GENERAL INFORMATION.

Entrance. Although entrance at the beginning of the term is much preferable, pupils may register at any time for the unexpired portion of the current term. On securing the Treasurer's receipt to their registration card, their lessons begin. Tuition fees are required in advance, and the full number of

Lessons due a pupil is guaranteed unless lost by pupil's absence. The teacher will not be responsible for lessons lost by pupil's negligence or misfortune. No deduction for absence the first or last week of the term. Instruction is in the form of *half-hour private lessons* twice per week, though in some special cases lessons may be taken once per week, but in such cases progress is of necessity much slower. Lessons will not be given on days observed by the College as holidays. A specialty is made of building a correct foundation for children as well as for adults. The increased local enrollment of young people is a matter of congratulation. Much excellent work has been done by them during the past year.

Music may be ordered through the Director at a discount of from ten to forty per cent., providing music bills are paid at the end of each month.

A Sight-Singing class is conducted for the study of musical rudiments and of the earlier stages of singing. All Conservatory students are advised to enter it, irrespective of their vocal ability. Instrumental students have need of this as much as vocal students, as it has a direct bearing on piano and other musical studies. It is preparatory to private vocal study and to ordinary singing in church and home.

Practice Pianos. The Conservatory is amply supplied with pianos, and non-resident students will secure their practice time at the Conservatory, and not elsewhere, unless at the houses in which they room. This rule will be insisted upon.

Student Teachers. During the Senior year of the regular course, such pupils as show aptitude and desire for this work may gain experience in teaching classes of children, under the Director's oversight. This is a valuable feature for those who are preparing to teach after graduation.

Graduation. Pianoforte pupils, who reach a satisfactory completion of the required work in one or more studies of their choice, together with Harmony, Theory, and History, and who have a general education the equivalent of the usual high-school course, having given their Recital for Graduation, will be granted the Conservatory diploma. Vocal graduates are required to study Harmony and Theory, two terms of each, and also to give satisfactory evidence of their ability to pass the examination required of the second year pianoforte student.

Post-Gradute Study. Graduates of this or other schools may continue their work here in practical or theoretical lines. Graduation implies the completion of a moderate degree of work for teaching purposes, but, in the nature of the case, the pupil's knowledge of the wide literature of music, even at graduation, must be limited. Post-graduate study, built on the previous years of work, leads the student out into a more general knowledge and broader musical culture. This course is especially urged for those who have the opportunity to take it, or who desire to do especially good work in teaching.

No student is allowed to take part in any musical performance without the consent of his teacher and the Director.

RATES OF INSTRUCTION.

	Fall Term.	Winter or Spring Term.
Piano, Organ, Voice, or Violin (two lessons per week)	$18 00	$15 00
(Children under 14, $4 less than above.)		
Piano, Organ, Voice, or Violin (one lesson per week)	9 00	7 50
(Children under 14, $2 less than above.)		
Cornet, Clarinet, Guitar, etc., $1 less than the rates for regular Piano lessons.		
Harmony, or Theory, in class, each	5 00	5 00
Sight-Singing (according to size of class)	1 50 to 3 00	
Piano Practice (one hour per day)	3 50	3 00, 2 50
Piano Practice (two hours per day)	4 00	4 00, 4 00
Piano Practice (three hours per day)	4 75	4 75, 4 75
Piano Practice (four hours per day)	5 50	5 50, 5 50
Pipe-Organ Practice	5 00	5 00, 4 00
Diploma Fee		5 00

Correspondence invited and inquiries gladly answered. Address the the Director or the President of the College.

COLLEGE OF COMMERCE.

J. A. Ward, *Principal.*

A Commercial Course is valuable on account of both the mental training it affords and the practical knowledge gained. No training is more conducive to habits of carefulness and accuracy. That the importance of business education is being recognized to-day as never before is evidenced by the unusual provisions being made for it in the way of city commercial high schools, and commercial departments in our large universities, such as the University of Chicago. It is a fact generally recognized that the man who can write a good business hand, construct a concise and intelligent communication, who understands the principles of law governing commercial instruments, and can dispatch with accuracy and rapidity ordinary business transactions, has a decided advantage. To impart this ability is the aim of Western College of Commerce.

The Commercial Department occupies pleasant and commodious apartments on the second floor of the main college building. Here the students form a business community in which each one, beginning with a cash capital of five thousand dollars in college currency, is required to carry on various kinds of wholesale and retail business, buying and selling for currency, checks, notes, drafts, and on account, keeping a record of the same according to the principles of double entry bookkeeping.

JUNIOR PRACTICAL DEPARTMENT.

The Ellis Tablet System is used in this Department which necessitates the performance of actual business transactions from the very beginning of the course. The sets to be worked out are the General Jobbing, Wood and Coal, Wholesale Flour, Hay, and Grain, Wholesale Grocery, Produce, and Provisions, Commission, and Lumber (single entry in Lumber). The time required in this Department is usually about six or eight weeks.

SENIOR PRACTICAL DEPARTMENT.

Here the student begins face-to-face business with other students. The kind and amount of work are indicated in the guide, but only such assistance is given as the Principal deems advisable, and in case of failure to secure correct balances, the student is required to do the set again. The sets included in this Department are the Flour and Feed, General Jobbing, Manufacturing, and General Produce (currency only in this set). Time required usually about two months.

OFFICE DEPARTMENT—WHOLESALE HOUSES.

We have a wholesale house which enlarges our scope of trade. Here all articles of trade are bought and sold in either large or small quantities. The goods are ordered by letter, through our college post-office. The bill of goods is returned through the same. The settlement is made by buying a bank draft at the bank and remitting the same through the post-office, the goods being received at the freight-office.

BANK.

Here the student performs the duties of teller, discount and collection clerk, cashier, and bookkeeper. Business transactions of all kinds are carried on the same as in actual business. The books, sixteen in number, are made especially for banking purposes.

COMMISSION HOUSE.

Here he receives invoices, consignments, buys and sells on joint account and commission, makes statements, renders returns, and settles all claims.

SEPARATE BRANCHES.

The branches that students are required to have grades in before completing the course are:

Commercial Law. As a branch of study in the Commercial Course, Commercial Law embraces such statutes as relate to the transaction of ordinary business. Whoever does business of any kind, either for himself or for others, should have sufficient knowledge to enable him to do it legally.

Business Arithmetic. This branch receives that attention which its importance demands, and is taught with that special object in view. Drills in rapid calculation are given, and the most practical methods are employed throughout the work.

Business Correspondence. Nothing exposes one's ignorance more than his correspondence, or exhibits his abilities so well. A well-written letter is of itself a first-class recommendation. This subject is taught in connection with the daily drill in penmanship.

Business Penmanship. That good, plain writing is the essential element of a business education is questioned by none. Thorough instruction is given in this branch by an experienced teacher of penmanship. Class work daily throughout the year.

Grammar. Two terms' work in Grammar is required before completing the course, and this may be taken in the regular class in the Normal Department of the College without paying tuition. Satisfactory work done elsewhere will be accepted.

EXPENSES AND GENERAL INFORMATION.

The tuition for full course is $30 when paid in advance. When paid in installments, the first charge is $12, and each of the other two $10. An office fee of $2 is charged to pay for blank-books and materials used in the offices. Hereafter $1 additional will be collected on entering the offices, to be returned when the work is satisfactorily done.

The books cost about $8. The time for the average student is about six months, although some complete the course in less time. All the general work is done by individual instruction.

Regular classes are conducted in the above branches throughout the year. New classes are formed each term, or oftener, if the case requires. Other information may be obtained by addressing the Principal.

DIPLOMA.

No one can take a diploma who has not satisfactorily completed the entire regular course. He will also be required to have passed successfully, either in the College Normal Course or elsewhere, an examination in all the common branches. The fee for a diploma is $2.50.



SCHOOL OF SHORTHAND AND TYPEWRITING.

W. A. Brenner, *Principal.*

It has long been a recognized fact that the ability to take dictation in shorthand at a fair rate of speed and make a correct transcript on the typewriter is a sure means of securing a good position. No one else is brought into such close touch with the complex details of his employer's business as the stenographer, and consequently when there is need of a person who understands the business to fill some office of trust, it is usually the stenographer who is chosen.

Good stenographers are always in demand. New lines of work are constantly seeking their assistance, and this, together with the vacancies caused by promotions and resignations, will long keep the profession from becoming crowded.

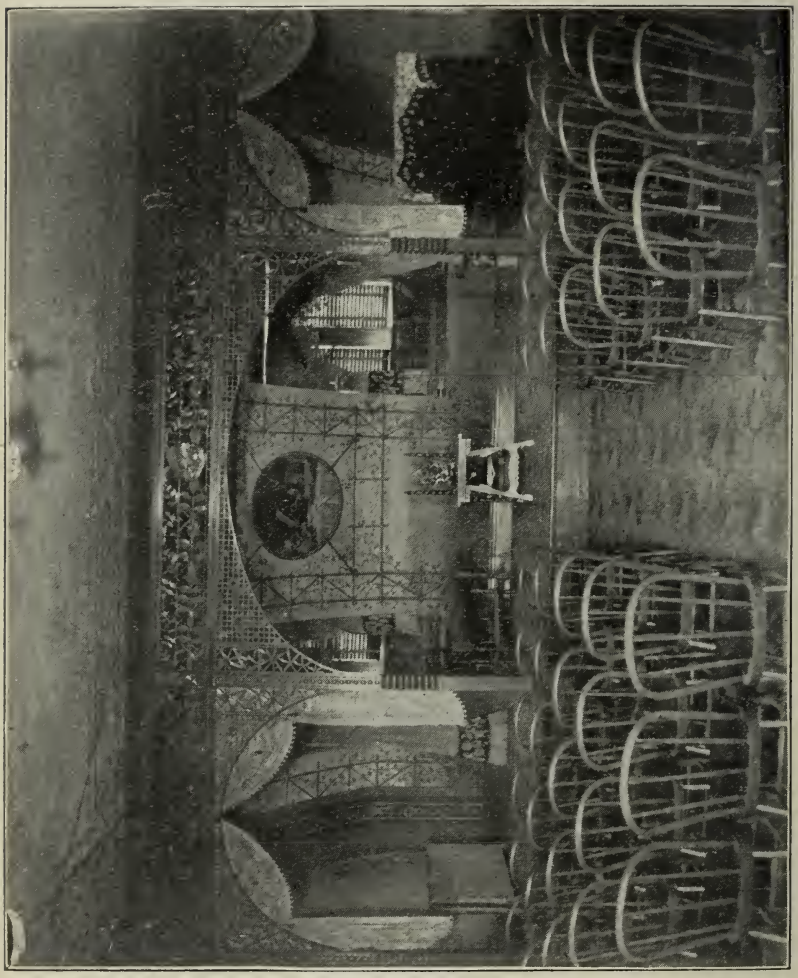
The standard Graham system of Phonography is taught. Speed, accuracy, and the form and proper arrangement of correspondence and business papers are the objective points. The student becomes familiar with manifolding, the use of the mimeograph and the taking of letter-press copies. From four to six months are required to complete this course, the time depending on the student's ability and application to his work. Each student is allowed to advance as rapidly as he is capable ble of mastering the work.

EXPENSES.

The tuition for the course is $20 when paid in advance. When paid in installments the first payment is $10, the second $6, and the third $6. In addition, there is the cost of books and stationery, about $3, and use of typewriter, $1 per term. Diploma, fee, $1.50.

DIPLOMA.

A diploma will be given to students in this Department who are able to take dictation from new matter at the rate of one hundred words per minute, and transcribe their notes on the typewriter at the rate of thirty words per minute, providing they have completed the common branches in the Normal Course of the College, or their equivalent elsewhere.



YOUNG MEN'S INSTITUTE.

SCHOOL OF ORATORY.

MARY RAMAGE PETERSON, *Principal.*

"Back of the art of oratory, the very basis of it in fact, is personal character. To hold the truth and to love it; to have the power of expressing it; to delight in this expression for truth's sake, and for the joy of it, and for the sake of humanity—this is the beginning of oratorical power. The man who would awaken and control an audience, must himself be a reality, and the truth he uses must be to him a reality. Character is everything."

"Then only is oratory eloquence when it utters the great and sincere force of character. Those who would win the ears and hearts of men by speech must themselves be hidden in the very heart of God."

It is the aim of this school of oratory to make every pupil a true soul; a lover of good literature, and finding delight in giving to others the rare pleasure of hearing the best literature of the world, as well as to develope the essential qualities which constitute *true expression;* namely, wonderfully delicate and subtle sympathy, literary taste and cultivation, naturalness, strong personality, dignity and poise, flexible, melodious voice, elegant and refined pronunciation of the English language, an absolutely distinct utterance.

The course of instruction is thoroughly practical, and will be valuable to the student in every-day life as well as in professional work, this being a school for training and culture as well as theoretic instruction and acquirement.

JUNIOR YEAR.

During the first year instruction is given in the management and regulation of the breath; the proper use of the body in the development of vocal energy; the most advanced knowledge of English phonation; the most approved methods of acquiring a distinct articulation; the function of the natural and orotund voices; the application of force, stress, pitch, rate, quantity, and emphasis, and their importance as the dynamics of expressive speech; the use of inflection for the purpose of emphasis and melodious effect; the fundamental principles of gesture, and their application. Students are taught how exhaustion of the body in speaking may be overcome; how throat difficulties, occasioned by over use or wrong use of the vocal organs, may be avoided; how harsh quality of voice may be removed, and pure, musical quality acquired; how awkwardness in gesture may be conquered; how vocal practice should be regulated.

SENIOR YEAR.

Extended reading from the modern poets and prose writers; special training in characterization and dialectic forms of speech; advanced training in dramatic and imaginative literature; study in creative gestural expression; study of the Bible and hymnology; study and delivery of the masterpieces of English and American eloquence; critical study of the text of Shakespeare.

GRADUATION.

Candidates for graduation must have taken at least eighteen credits in the Preparatory Department of the College or their equivalent elsewhere, (a "credit" being one term of one study,) and the course in Rhetoric and Literature of the Sophomore year of the College courses. Those who have completed the Course in a satisfactory manner and have given a Recital for Graduation will be granted a diploma of the School. Fee for diploma, five dollars.

One year of private lessons is required during the Junior or Senior Year in addition to the regular class work.

POST-GRADUATE COURSE.

A course of one year is offered to all graduates of this School who desire to become more thoroughly acquainted with the great authors of English Literature, or to prepare themselves more fully for the exacting demands of public reading. This course involves the study and interpretation of the more important writings of the leading dramatists, poets, and novelists.

PHYSICAL CULTURE.

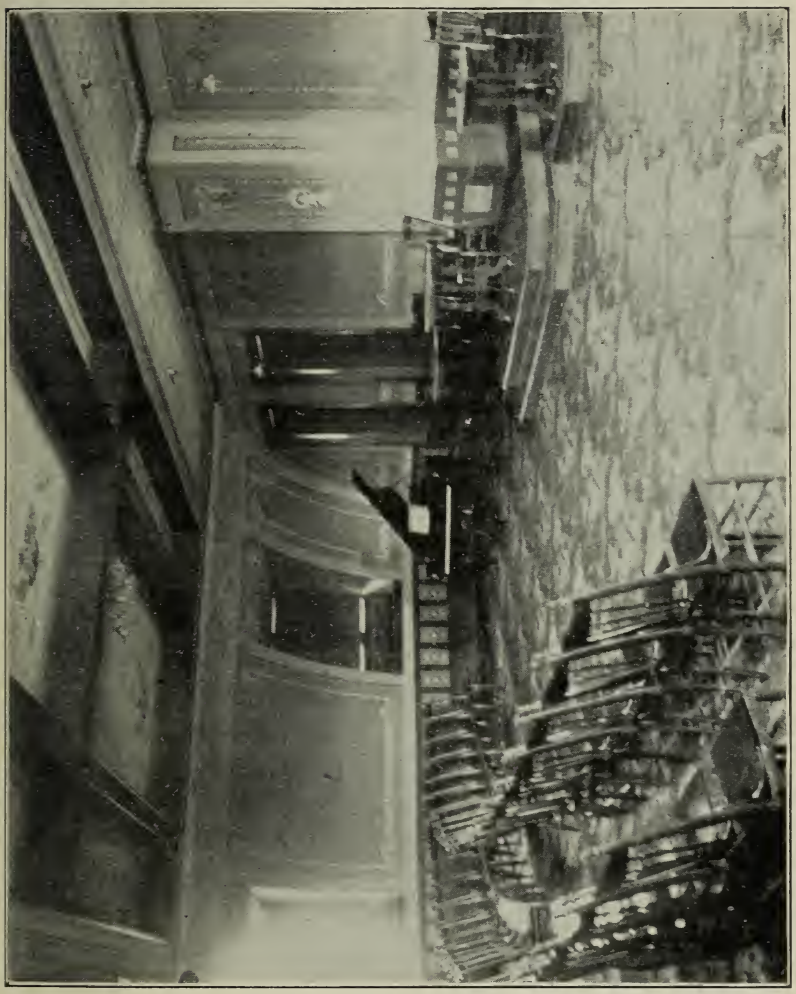
Instruction in Physical Culture is given during the entire course. The training is based upon the Delsarte Philosophy of Expression, and the Swedish and German system of free movements and light gymnastics. The aim is to acquire a symmetrical development of the body, as a basis for health and grace. The general work includes drills, breathing exercises to overcome stiffness, exercises to develop control of the muscles and all devices in training that secure freedom of bodily action and excite instant and intelligent expression of thought and emotion.

Students in this Department are subject to the same regulations as those in the College proper, unless especially excused.

RATES OF TUITION.

Fall term, class lessons daily	$10 00
Winter term, class lessons daily	8 00
Spring term, class lessons daily	8 00
Single private lessons (one hour)	1 00
Course of twenty private lessons (45 minutes each)	15 00

College studies in Elocution Course call for regular college tuition fee.



PHILOPHRONEAN HALL.

DEPARTMENT OF ART.

MRS. KATHERINE L. REAMER, *Instructor.*

The instruction in this Department is designed to educate the mind to the principles of Art, and to train the eye and hand to its practice. The instruction will include the study of form, proportion, light and shade, color and perspective. The full course embraces three years' work, but students will be promoted as rapidly as their ability and accomplishments warrant. Those who have had the advantages of instruction will be promoted to the stage of work for which they are fitted.

The Studio is well furnished with plaster casts from the antique, casts of fruits and flowers, geometrical models, outlines and shaded studies for drawing from the "flat," and selected studies for painting in oil, china, or water-colors, pastel, and crayon drawing.

The work of the students will not be taken from the Studio until the close of the year. An exhibition of work done in the Studio will be held during commencement week.

COURSE OF INSTRUCTION.

FORM—FREE-HAND OUTLINES FROM THE "ROUND."

1. Geometrical and Conventional Forms. 2. Ornament, Foliage. 3. Animal Forms, Human Figures.

PROPORTION—FREE-HAND OUTLINES FROM THE "ROUND."

1. Geometrical Solids. 2. Plaster Casts, Geometrical Figures.

LIGHT AND SHADE.

1. Drawing and Shading from Geometrical Models. 2. Drawing and Shading from Plaster Casts of Fruit, Flowers, Hands, Feet, Faces, and from Casts of Antique Busts.

PERSPECTIVE—CRAYON DRAWING.

1. Portraits. 2. Landscapes. 3. Shaded Drawings from Casts.

WATER-COLOR PAINTING, AND PASTEL.

1. Landscapes. 2. Fruit, Flowers. 3. Still Life from Objects. 4. Portraits.

OIL PAINTING.

1. From Plaster Casts in Monochrome. 2. Landscape, Fruit, and Flowers from Copy and from Nature. 3. Still Life from Objects.

CHINA PAINTING.

1. Outline Designs on Tiles. 2. Conventional Patterns and Naturalistic Designs. 3. Decoration of Tableware.

TUITION.

Portrait painting, per twenty lessons, three hours each	$15 00
Painting in oil or water-colors, per twenty lessons	10 00
Crayon drawing, per twenty lessons	8 00
Pencil drawing (lessons two hours), per twenty lessons	3 00





Athenæum Hall.

STUDENTS.

COLLEGIATE DEPARTMENT.

SENIORS.

Benson, Ernest Allen	cl	Gladbrook
Bear, Wilson Grant	sc	Orangeville, Illinois
Cunningham, Nettie	ph	Sumner
Harrison, William Johnston	sc	Toledo
Hutchison, Lillian Blanche	cl	Toledo
Jorgenson, Theodore	ph	Toledo
Overholser, Julia Shuey	ph	Coleta, Illinois
Smith, Mildred Honens	cl	Toledo
Wolpert, Grace	ph	Denver, Colorado
Wyand, Samuel Snyder	cl	Goodell

JUNIORS.

Auracher, Charles Edgar	ph	Lisbon
Bookwalter, Grace	ph	Toledo
Brenner, William Arthur	cl	Canton, South Dakota
Coddington, Harry	ph	Princeton, Illinois
Donot, Walter Scott	cl	Toledo
Harrigan, James Corneal	cl	Toledo
Jackson, George Brown	cl	Toledo
Smith, Mabel	ph	Toledo
Stouffer, Wesley Rinehart	cl	State Center
Thompson, Hollen Samuel	ph	Toledo
Talbot, Lois	cl	Toledo
Trindle, John Robert	cl	Vanmeter
Ward, Arthur Allen	cl	Odon, Indiana
Yessler, Joseph Urvin	cl	Western College

SOPHOMORES.

Berger, Charles Emmett	cl	Toledo
Bookwalter, Alice	cl	Toledo
Cramer, Hiram Walter	cl	Bagley
Cronk, Nellie	cl	Toledo
Emerson, Glen Wilford	sc	Sumner
Hix, Ralph Mason	cl	Muscatine
Skrable, Joseph Martin	cl	Elberon
Willett, James Horace	cl	Tama
Yaggy, Jacob Henry	cl	Toledo

FRESHMEN.

Akin, Alice sc Toledo
Bishop, Agnes ph Toledo
Burns, Belle ph Toledo
Cronk, Mamie sc Toledo
Camery, Edith ph Toledo
Chitty, Lilly ph Toledo
Crenshaw, Benjamin F sc Tama
Doty, Earl Isaac cl Clarksville
Davison, Arthur Orlando sc Walnut City
Foster, Charles Eldon cl Toledo
Hill, Sadie sc Tama
Hutchison, Martha ph Toledo
Johnston, Chloe sc Toledo
Lewis, Tracy Garfield cl Alexandria, Indiana
Leusch, Fred Martin sc Crystal
Morton, Claud Henry sc Toledo
Newland, Josie cl Wellman
Runkle, Maud sc Lisbon
Riggs, Emma S sc Muscatine
Riggs, Lee S sc Muscatine
Roe, Barnette F cl Winnebago City, Minnesota
Rebok, Lona ph Toledo
Smith, Etta ph Toledo
Smith, Riley ph Toledo
Stiger, Carl Blinn ph Toledo
Taylor, Ernest, C sc Janesville, Wisconsin
Tibbetts, Jessie sc Toledo
Tibbetts, Nellie sc Toledo

SPECIAL STUDENT.

Kemp, Malcom Toledo

PREPARATORY DEPARTMENT.

SENIOR YEAR.

Benson, Jane Gladbrook
Burkholder, Daisy Clarksville
Butler, Zoe Montour
Clark, E. F Modale
Hedges, Charles Theodore Lisbon
Johnson, George K Brodhead, Wis
Lease, William H Sumner
Lichtenwalter, Frank Toledo
Merris, Roscoe Belmond, Minn

Miller, Harley Travey Oneida
Naylor, Mary Genoa
Nease, Rolland Everhart Winston, Ill
Nichols, Jesse Toledo
Parker, Florence Toledo
Phillips, Hattie Toledo
Porterfield, Mae Traer
Shambaugh, Jacob Booneville
Stewart, Rolland M Winslow, Illinois
Stacy, Walter Adel
Soth, Inez Toledo
Sweat, Suzie Toledo
Thomas, Gertrude Moville
Waltermeyer, Maud Rhodes
Zimmerman, Wilbur L Scranton

MIDDLE YEAR.

Benson, Laura Gladbrook
Burkholder, Lida Clarksville
Drury, Roy Cedar Rapids
Ennis, Charles W Toledo
Elliott, Clarence H Berwick
Ferris, Emery Toledo
Fee, Ira Basil Toledo
Ganser, Hattie Morley
Johnson, Edna Toledo
Johnson, Ernest Toledo
Kleespie, Margaret Traer
McDaniel, Charles Milroy McBride
Maxfield, Glenmore Edward Minerva
Naylor, Effie Genoa
Parks, Mina Seymour
Parsons, Harry Elberon
Pierce, Ruth Chicago, Illinois
Reed, Joseph Waterville, Minnesota
Shambaugh, Lois Booneville
Young, Chauncey L Toledo

JUNIOR YEAR.

Askey, Floyd ———
Adams, Charles Wesley Bloomingdale, Wisconsin
Cook, Edward Toledo
Davis, Charles W Waterville, Minnesota

Drake, Mamie.....Toledo
Giger, Samuel Albert.....Toledo
Green, Olive.....Hitesville
Gardner, Harry.....Toledo
Green, William F.....Hitesville
Gutschall, Gertrude.....Booneville
Haynor, Elsie.....Booneville
Jones, Lee.....Toledo
King, George.....Toledo
Lewis, Maud.....Collins
Lichtenwalter, Sara.....Toledo
McClaskey, Frank.....Toledo
Naylor, Winnie.....Genoa
Naylor, Roy.....Genoa
Overholser, Ralph E.....Coleta, Illinois
Pierce, John O.....Chicago, Illinois
Reeme, Pearl.....Toledo
Shaul, Minnie.....Lake Mills
Studebaker, Lulu.....Toledo
Salzman, Joseph A.....Toledo
Shover, James E.....Monticello
Thomas, Charles A.....Sewal
Tannus, Shukri.....Damascus, Syria
Walden, Lloyd.....Winterset
Whitney, Grace.....Toledo

NORMAL DEPARTMENT.

Abbe, Ina Myrtle.....Garwin
Benson, Ross.....Gladbrook
Benesh, Bertha.....Vining
Blazek, Mamie B.....Elberon
Casselman, George.....Beaconsfield
Corns, Byrd.....Sewal
Couch, Alice.....Adel
Dillree, Ray.....Toledo
Dilley, Albert.....Pierson
Dickman, M. E.....Westgate
Eernise, Anna.....Garwin
Gibson, Harry G.....Hitesville
Garey, Leona.....Newton
Huddleston, Dora.....Newton
Hougham, William E.....Adel

Hougham, Fannie.....Adel
Hiller, Archie.....Pierson
Hanna, Jessie.....Grinnell
Harlan, John.....Toledo
Jones, Blanche.....Bristow
Lamb, Grace.....Ridott
Lorenz, Tessie.....Defiance
Marsh, Lottie.....Burnside
Moore, Marian Alice.....Garwin
McNutt, Emma.....Goodell
Nevins, Charles L.....Toledo
Pearson, Hortie.....Toledo
Pidcock, Ethel.....Beaconsfield
Rhodes, Sara.....Sheridan
Smeltzer, Hattie.....Redfield
Thomas, Theodore.....Goodell
Taylor, Walter Harry.....New Hartford
Wheeler, Charles.....Hitesville

CONSERVATORY OF MUSIC.

PIANO AND ORGAN.

Allen, Frances.....Tama
Baker, Geneve.....Toledo
Bookwalter, Ruth.....Toledo
Burkholder, Lida M.....Clarksville
Butler, Zoe.....Montour
Beck, Andrew E.....Toledo
Carlton, Ione.....Toledo
Cook, Carrie.....Tipton
Couch, Alice.....Adel
Drake, Mamie.....Toledo
Durling, Marien.....Freeport, Illinois
Fauntz, Ruth.....Nevada
Furrow, Ethel.....Toledo
Graham, Nellie.....Toledo
Green, Olive.....Hitesville
Hammitt, Nella.....Garwin
Hurt, Mary E.....Vining
Hiller, Archie.....Pierson
Hill, Rose.....Tama
Johnston, Chloe.....Toledo
Jones, Retta.....Blockton

Kepler, Gertrude.....Davenport
Lewis, Tracy G.....Alexandria, Indiana
Mann, Della.....Tama
Mason, Cora Anna.....Toledo
Mathern, Nora.....Garwin
Maxim, Mrs. Geo. Pratt.....Toledo
Owen, Wm.....Toledo
Parker, Florence.....Toledo
Patterson, Amy.....Toledo
Phillips, Hattie.....Toledo
Pierce, Ruth V.....Chicago, Illinois
Porterfield, Mae.....Traer
Rebok, Ruth.....Toledo
Rebok, Zella.....Toledo
Reed, Joseph.....Waterville, Minnesota
Shaul, Minnie.....Lake Mills
Smith, Julia.....Tama
Smith, Lucy.....Toledo
Smith, Ruth.....Toledo
Smith, Maud.....Toledo
Soth, Inez.....Toledo
Stark, Edith.....Newburg
Sweat, Susie.....Toledo
Thompson, Grace.....Tama
Tiffany, Flora.....Garwin
Tibbetts, Iza.....Toledo
Whitney, Grace.....Toledo
Withington, Nellie.....Toledo
Williams, Blanche.....Gladbrook

VOICE.

Albrecht, Alda.....Tama
Beck, Andrew E.....Toledo
Blazek, Mayme B.....Elberon, Iowa
Bookwalter, Lulu.....Toledo
Clutier, Mrs. Bert L.....Tama
Coddington, Harry.....Princeton, Illinois
Cook, Carrie.....Tipton
Ebersole, Maud.....Toledo
Ennis, Chas. W.....Toledo
Foster, Mrs. C. E.....Toledo
Gutshall, Gertrude.....Booneville
Hammitt, Nella.....Garwin

Haynor, Elsie M.....Booneville
Hix, Ralph M.....Muscatine
Hughes, Nellie Toledo
Hurt, Mary E Vining
Jones, Retta.....Blockton
Kepler, Gertrude..... Davenport
Lathrop, Lela.....Toledo
Lesser, Wallace R., Jr.....Tama
Lichtenwalter, Sara..... ...Toledo
Lichtenwalter, Frank H Toledo
Mann, Della..... Tama
Mason, Cora A.....Toledo
Mohn, Russell R..... Mt. Vernon, South Dakota
Nease, Rolland E..... Winston, Illinois
Newland, Josephine.....Wellman
Parker, Florence..... Toledo
Parsons, Harry C.....Elberon
Peterson, Mary R..... Toledo
Porter, Jessie.....Toledo
Reed, Joseph.....Waterville, Minnesota
Riggs, Emma E.....Muscatine
Riggs, Lee S.....Muscatine
Runkle, Maud Estelle Lisbon
Skrable, Joseph M.....Elberon
Smith, Ethel.....Toledo
Smith, Etta..... Toledo
Smith, Lucie..... Toledo
Smith, Mabel.....Toledo
Smith, Maude.....Toledo
Smith, Ruth.....Toledo
Solomon, Ida.....Tama
Solomon, Sophie.....Tama
Sterling, Odessa.....Anamosa
Studebaker, Lulu.....Toledo
Sweatt, Susie Toledo
Sweatt, Mabel.....Toledo
Thompson, Hollen S Toledo
Waltermeyer, Mandelin I.....Rhodes
Ward, Arthur A.....Odon, Indiana
Whitney, Grace Toledo
Willett, Margaret.....Tama
Willett, Wm. S.....Tama
Willett, James Horace.....Tama
Williams, Blanche.....Gladbrook
Yaggy, Jacob Henry.....Toledo
Yothers, J. Frank Toledo

SIGHT-SINGING.

Bookwalter, Lulu.....Toledo
Drake, Mamie.....Toledo
Green, Wm. F.....Hitesville
Green, Olive.....Hitesville
Haynor, Elsie.....Booneville
Jones, Retta.....Blockton
Kepler, Gertrude.....Davenport
Naylor, Mary.....Genoa
Naylor, Winnie.....Genoa
Owen, Mabel.....Toledo
Owen, William.....Toledo
Peterson, Mary R.....Toledo
Porterfield, Mae.....Traer
Riggs, Lee S.....Muscatine
Whitney, Grace.....Toledo

HARMONY, THEORY, AND FUNDAMENTAL TRAINING.

Allen, Frances.....Tama
Cook, Carrie.....Tipton
Couch, Alice.....Adel
Drake, Mamie.....Toledo
Hammitt, Nella.....Garwin
Johnston, Chloe.....Toledo
Kepler, Gertrude.....Davenport
Mason, Cora Anna.....Toledo
Maxim, Mrs. Geo. Pratt.....Toledo
Parker, Florence.....Toledo
Patterson, Amy.....Toledo
Phillips, Hattie.....Toledo
Reed, Joseph.....Waterville, Minn
Shaul, Minnie.....Lake Mills
Soth, Inez.....Toledo
Sterling, Odessa.....Anamosa

COLLEGE OF COMMERCE.

REGULAR COMMERCIAL.

Barker, Delbert.....Toledo
Bear, Chas. D.....Orangeville, Illinois
Beaumont, L. C.....Hitesville
Blinkinsop, A. J.....Belle Plain

Brooks, C. V.....Tama
Buchanon, Clayton.....Toledo
Crabb, Carl.....Defiance
Dingman, Earl.....Toledo
Duryea, George.....Goodell
Everett, Arthur.....Tama
Graham, H. E.....Chelsea
Harman, Edward W.....Garwin
Hedges, C. R.....Ames
Hicks, F. E.....Lena
Kepner, Leah.....Goodell
Krezek, John.....Toledo
Lampson, Nettie.....Goodell
Mericle, Irabella.....Toledo
Miller, G. W.....Whitten
Morrison, Earl.....Garwin
Muckler, J. L.....Toledo
Potts, G. W.....Tama
Pratt, Myrtle.....Tama
Richards, R. G.....Toledo
Russell, Fred J.....Tama
Sleeter, C. E.....Toledo
Smith, R. S.....Berlin
Stanbrough, C. A.....Whitten
Stump, Wilbur.....Toledo
Tarr, R. L.....Iconium
Trussell, M. E.....Moravia
Vehe, Daniel.....Dumfries
White, T. C.....Washta
Wagner, C. H.....Toledo
Williams, Ray.....Toledo
Williams, Iris.....Toledo
Willimek, J. W.....Toledo

SHORTHAND AND TYPEWRITING.

Austin, R. E.....Toledo
Beaumont, L. C.....Hitesville
Dodd, Agnes.....Toledo
Fife, Bertie A.....Toledo
Kepner, Leah.....Goodell
King, George E.....Toledo
Lee, Tillie.....Tama
Potts, G. W.....Tama
Pratt, Myrtle.....Tama
Withington, Ray E.....Toledo
Ward, Mrs. J. A.....Toledo
Wright, Frank.....Tama

SCHOOL OF ORATORY.

SENIOR YEAR.

Pierce, Ruth.....Chicago, Ill

JUNIOR YEAR.

Adams, Romanzo.....Toledo
Blazek, Mayme.....Elberon
Bookwalter, Grace.....Toledo
Butler, Zoe.....Montour
Coddington, Harry.....Princeton, Ill
Cramer, Hiram Walter.....Bagley
Doty, Earl Isaac.....Clarksville
Gutshall, Gertrude.....Booneville
Holmes, Oscar.....Toledo
Jackson, George Brown.....Toledo
Johnson, Mrs. Eva A.....Toledo
Jones, Susie Belle.....Toledo
Jorgenson, Theodore.....Toledo
Loverin, Vera.....Toledo
McClasky, Frank.....Toledo
McNutt, Emma.....Goodell
Morton, Claud Henry.....Toledo
Rebok, Cloeta May.....Toledo
Reeme, Pearl.....Toledo
Riggs, Lee S.....Muscatine
Savage Thos. E.....Toledo
Shaul, Minnie.....Lake Mills
Salzman, Jos. A.....Toledo
Stouffer, Wesley Rinehart.....State Center
Taylor, E. C.....Janesville, Wis
Trindle, John Robert.....Vanmeter
Waltemeyer, Maudlin I.....Rhodes
Ward, Arthur Allen.....Odon, Ind
Zimmerman, W. L.....Scranton

PHYSICAL CULTURE.

Blazek, Mayme.....Elberon
Butler, Zoe.....Montour
Connell, Marguerette.....Toledo
Cook, Carrie Elizabeth.....Tipton
Cunningham, Nettie.....Chariton

Dudley, Hazel.....Toledo
Gutshall, Gertrude.....Booneville
Jones, Carrie.....Toledo
Loverin, Vera.....Toledo
Naylor, Effie.....Genoa
Overholser, Julia Shuey.....Coleta, Ill
Overholser, Madge.....Toledo
Pierce, Ruth.....Chicago, Ill
Rebok, Cloeta May.....Toledo
Rebok, Ruth.....Toledo
Reemse, Pearl.....Toledo
Runkle, Maud Estella.....Lisbon
Talbot, Lois Luella.....Toledo
Waltemeyer, Maudlin I.....Rhodes
Wescott, Ethel.....Toledo
Whitney, Grace.....Toledo
Wolpert, Grace.....Denver, Col



SUMMARY.

COLLEGE.	
Seniors	10
Juniors	14
Sophomores	9
Freshmen	28
Special Student	1— 62
PREPARATORY.	
Senior Year	24
Middle Year	20
Junior Year	29— 73
NORMAL.	
Students	33
CONSERVATORY OF MUSIC.	
Students	96
COLLEGE OF COMMERCE.	
Students	45
SCHOOL OF ORATORY.	
Students	44
Total enrollment	353
Names counted more than once	75
Net enrollment	278

DEGREES CONFERRED, 1899.

A.B.

Frank E. Field.....New Haven, Conn.
Leon L. Hammitt.....Evanston, Ill.
Grace Halstead.....Des Moines, Iowa
Albert Mathern.....Garwin, Iowa
Clarence B. Mericle.....Toledo, Iowa

Ph.B.

Charles E. Locke.....Enid, Oklahoma

ALUMNAL ASSOCIATION.

President—T. H. Studebaker, M.S.....Class of '82
First Vice-President—W. O. Harper, A.B.....Class of '91
Second Vice-President—M. M. Bomgardner, B.S.....Class of '97
Third Vice-President—L. L. Hammitt, A.B.....Class of '99
Recording Secretary—Mary T. Southan, M.L.....Class of '88
Historical Secretary—Henry W. Ward, A.M.....Class of '88
Treasurer—John A. Ward, B.S.....Class of '89

TRUSTEES.

Robert E. Williams, A.M., Class of '72.....Term expires June, 1900
Richard L. Purdy, A.B., Class of '94.....Term expires June, 1901
Walter C. Smith, M.S., Class of '82.....Term expires June, 1902

REGISTER OF ALUMNI.

1864.

William Taylor Jackson, A.M., Rector of Episcopal Church, Emmetsburg, Iowa.
Emma Neidig (Steel), M.A., David City, Nebraska.

1865.

Jacob Augustus Shuey, M.S., Special Agent Equitable Life Insurance Society of New York, Red Oak, Iowa.

1868.

Mary A. Beam (Emerson), M.A. Deceased.
Amelia B. Grove (Hardon), M.A. Deceased.

1869.

Mrs. Elnor A. Cook, M.A.
Joseph B. Overholser, A.M., Dairyman, Lincoln, Nebraska.
Homer R. Page, A.M. Deceased.

1870.

Martha E. Allison (Washburn), M.A. Deceased.

1871.

Alfred D. Collier, M.S., Lawyer, Sioux City, Iowa.

1872.

Lewis Bookwalter, A.M., President of Western College, Toledo, Iowa.
William Henry Custer, M.S. Deceased.
Augustus Waldo Drury, A.M., Professor of Systematic Theology, Union Biblical Seminary, Dayton, Ohio.
Marion Richardson Drury, A.M., Pastor United Brethren Church, Toledo, Iowa.

Francis R. Fry, M.S., Banker, Corydon, Iowa.
Sallie Scott Perry (Kephart), M.A., Des Moines, Iowa.
Lucy D. Strother (Williams), M.A., Lisbon, Iowa.
Sarah Joanna Surran (Light), M.A., Buchanan, Michigan.
Anna Elizabeth Shuey (Swain), M.A., Laconia, New Hampshire.
Robert Erving Williams, A.M., Presiding Elder of United Brethren Church, Lisbon, Iowa.

1873.

Thomas Jefferson Bauder, A.M., Pastor United Brethren Church, 1329 K Street, Sacramento, California.
Milo Booth, M.S., Merchant, Huron, South Dakota.
Henry G. Bowman, A.M. Deceased.
Eva M. Drury (McHoes), The Palms, California.
Enoch Faber Light, A. M., Minister-Bookdealer, Buchanan, Michigan.
William Kendrick Riggs, M.S., Druggist, Castalia, Iowa.
Henry Sheak, M.S., Professor Natural Science and Mathematics, Philomath College, Philomath, Oregon.
John Wesley Surran, M.S., Editor Warren Republican, Warren, Indiana.

1874.

William Bower Arble, M.S., Pastor Tipton Circuit (United Brethren), Tipton, Iowa.
Luther M. Conn, B.S. Deceased.
Cyrus Jeffries Kephart, A.M., Pastor Summit United Brethren Church, Des Moines, Iowa.
Alvan Lyman Marshall, M.S., Farmer, Springville, Iowa.
Francis Marion Washburn, A.M., Pastor Congregational Church, Lincoln, California.
John Henry Albert, A.M., Pastor Grace Congregational Church, Sedalia, Missouri.

1875.

Mildred Gambrel, M.A.
Mary Louise Hopwood, M.A., Seattle, Washington.

1876.

Albert Milton Beal, A.M., Physician, 316 16th Street, Moline, Illinois.
William Irons Beatty, M.S., Pastor United Brethren Church, Lisbon, Iowa.
Sophia Bookwalter (Drury), M.A., Dayton, Ohio.
Mary Clarissa Hedges (Peffley), M.A., Fresno, California.

Jeannette Belle Hopwood, M.A., Secretary Coöperative Library Association, Seattle, Washington.
William Henry Kauffman, M.S., Minister, Fairbault, Minnesota.
Frank S. Smith, M S., Physician, Nevada, Iowa.

1877.

Joseph Bookwalter, M.S., President Inland Grain Co., Kansas City, Missouri.
Arsemus Richmond Burkdol, M.S., Dealer in Real Estate, Craig, Arizona.
William Jasper Ham, A.M., Farmer, Woodbridge, California.
John Martin Horn, M.S., Farmer, Cedar Rapids, Iowa.
John Augustus Moore, M.S., Farmer, Garwin, Iowa.
Abram Hershey Neidig, A.M., Dealer in Real Estate, Los Angeles, California.
Urias D. Runkle, A.M., Merchant, Lisbon, Iowa.
Sarah Jane McAlvin, M.A. Deceased.
Australia Patterson, M.A., Minister, Missionary at Canton, China.
Catherine Patterson (Beatty), M.A. Deceased.
Josephine Johnson, M.A., Professor of Modern Languages, Otterbein University, Westerville, Ohio.
Almina Wooldrige (Hopwood), M.A., Holdridge, Nebraska.

1878.

John Wesley Baumgardner, A.M., Pastor United Brethren Church, Compton, Illinois.
Arthur Melbourne Moore, M.S. Deceased.

1879.

William Henry Klinefelter, A.M., Pastor United Brethren Church, Greenville, Ohio.
Walter LeRoy Linderman, A.M., Lawyer, Emmetsburg, Iowa.
Daniel Miller, M.S., Minister, Topeka, Kansas.
Elizabeth Moore (Miller), M.S., Topeka, Kansas.
Emma Patton (Davis), B.S., 2321 Laurence Avenue, Toledo, Ohio.

1880.

William Irons Beatty, A.M. (See 1876.)
William Otterbein De Moss, B.S., Nurseryman, Des Moines, Iowa.

Louisa Rose Halverson (Albert), M.A. Deceased.
Ernest Otterbein Kretsinger, A.M., Lawyer, Beatrice, Nebraska.
George D. Mathewson, A.M., Lawyer, Brady Island, Nebraska.
Eli H. Ridenour, A.M., Professor of Mathematics, High School, Stockton, California.
James Wesley Robertson, A.B. Deceased.

1881.

Adaline Dickman (Miller), M.S., Chicago, Illinois.
John Lawrence Drury, A.M., Real Estate and Loan Agent, Cedar Rapids, Iowa.
Mary Ellen Horn (Drury), M.S. Deceased.
George McAnelly Miller, A.M., Lawyer, Chicago, Illinois.
Alice Elizabeth Singley (Wilson), M.S., Tina, Missouri.
Robert Rush Wilson, M.S., Editor Tina Herald, Tina, Missouri.

1882.

Walter Clarence Smith, M.S., President of Home Medical and Surgical Infirmary, Toledo, Iowa.
Thomas H. Studebaker, M.S., Farmer, Toledo, Iowa.

1883.

Emma Jane Howard (Weller), M.S., Ashland, Ohio.
Willis E. Johnson, M.S., Fruit Rancher, Lancaster, California.

1884.

Isaiah L. Albert, B.S., Lawyer, Judge of Supreme Court, Columbus, Nebraska.
Kate Idell Coates (Russell), B.S. Deceased.
Daniel Folkmar, A.M., Professor Universite Noveille, Brussels, Belgium.

1885.

Frank J. Browne, A.B., State Superintendent of Public Instruction, Olympia, Washington.
Vivian Albert Carlton, A.M., Presiding Elder United Brethren Church, Toledo, Iowa.
John F. Leffler, A.B. Deceased.
Anna E. Maiden (Leffler), B.S. Deceased.

Richard LaRue Swain, A.M., Pastor North Congregational Church, Laconia, New Hampshire.
Charles Fremont Schell, A.M., County Superintendent, Garner, Iowa.

1886.

Lucy A. Blinn (Sears), B.L., Sioux City, Iowa.
Charles Morgan Brooke, A.M., Minister, President of Lane University, Lecompton, Kansas.
John P. Hendricks, A.M., Superintendent of Schools, Butte, Montana.
Simon Jethrow Lowe, A.B., Farmer, The Palms, California.
Cora A. Middlekauff, B.S., Polo, Illinois.
James A. Merritt, B.S., Lawyer, Des Moines, Iowa.
Josephine Grant Patterson (Wonser), A.B., Tama, Iowa.
Eugene Riley Smith, M.S., Physician, Toledo, Iowa.
Cyrus Holland Timmons, B.S. Deceased.
Emma J. Howard (Weller), M.A. (See 1883.)

1887.

Daisy Gallion (Smith), B.S. Deceased.
Mary Emma Greenlee, A.B. Deceased.
Myrtle Jarvis (Miller), B.S., Denver, Colorado.
Charles Lincoln Mundhenk, B.S., Mechanic, Toledo, Iowa.
Jesse A. Runkle, A.B., Lawyer, Cedar Rapids, Iowa.
Minnie R. Whitten (Barnes), B.S., Cedar Rapids, Iowa.

1888.

Charles E. Bennett, B.S., Pastor M. E. Church, Keithsburg, Illinois.
Peter O. Bonebrake, A.B., President of Philomath College, Philomath, Oregon.
Esther Butler (Austin), B.S., Toledo, Iowa.
Clara Cozad (Keezel), B.S., Ottawa, Kansas.
Elnora E. Dickman (Richie), B.S., Westgate, Iowa.
Daniel G. Filkins, B.S., Minister, Eagle Grove, Iowa.
Gazelle Holstead (Rogers), A.B., Toledo, Iowa.
Lawrence Kiester, A.M., Pastor U. B. Church, Scottdale, Pennsylvania.
Emma May Kephart (Roop), B.S., Annville, Pennsylvania.
E. Geneve Lichtenwalter, B.L., Instructor in Music, State University, Lawrence, Kansas.
Mary T. Louthan, M.L., Principal Toledo School of Music, Toledo, Iowa.
Alvin H. Patterson, B.S., Farmer, Elkader, Iowa.

Albert Edward Slessor, B.S., Pastor M. E. Church, Radcliffe, Iowa.
Edna Thompson (Rebok), B.L., Toledo, Iowa.
Henry W. Ward, A.M., Professor of Greek and Latin, Western College, Toledo, Iowa.
Thomas D. Wilcox, B.L., Farmer, Gladbrook, Iowa.
William M. Zumbro, A.M., Teacher in the Pasumalai Institution and Missionary in the Madura Mission, South India.

1889.

Eugene D. Abrams, B.S., Traveling Agent, Des Moines, Iowa.
Charles D. Baker, B.S., Druggist, Toledo, Iowa.
Squire Trevelyn Beatty, A.M., Pastor of Congregational Church, Monona, Iowa.
Edward F. Buchner, A.B., Professor of Pedagogy, University of New York.
Oliver Benjamin Chitty, B.L., Insurance Agent, Toledo, Iowa.
Horace C. Coe, B.S., Principal of Schools, Schaller, Iowa.
Benjamin F. Cokely, A.B., Minister, Buda, Illinois.
Etta Fulcomer (Winter), B.L., 80 Institute Place, Chicago, Illinois.
William Otterbein Krohn, A.B., Publisher of *Child Monthly*, Chicago, Illinois.
John A. Ward, B.S., Principal of College of Commerce and Assistant Professor in Philosophy, Western College, Toledo, Iowa.

1890.

Jeremiah George, B.S., A.M., Chippewa Falls, Wisconsin.
Frank Sigel Hettler, A.B. Deceased.
Clarence Ward Ingham, B.S., Lawyer, Pringhar, Iowa.
Lulu Maud Kephart (John), A.B., Westerville, Ohio.
Jesse Jessen Kolmos, A.B., Pastor Crawford Congregational Church, South 42d Avenue and West 26th Street, Chicago, Illinois.
Susie Lichtenwalter (Riggs), Nurse, Chicago Hospital, Chicago, Illinois.
Wilbur Grant Little, Ph.B., Medical Student, Chicago, Illinois.
May Middlekauff (Runkle), B.S., State College, Pennsylvania.
Erwin William Runkle, A.B., Professor of Philosophy, State College, Pennsylvania.
William Elias Schell, A.B., President of York College, York, Nebraska.
Charles Rollin Shatto, A.M., Pastor Congregational Church, Shenandoah, Iowa.
William Avery Smith, B.S., Lawyer, New Hampton, Iowa.

Arthur Biggs Statton, A.B., Pastor United Brethren Church, Hagerstown, Maryland.
Emma Stauffer, B.S.
Frank E. Stouffer, A.B., Editor Sac Sun, Sac City, Iowa.
Samuel Marcellus Stouffer, A.B., Editor Sac Sun, Sac City, Iowa.
William Austin Warren, B.L., Pastor Congregational Church, Spring Valley, Minnesota.
Roderick Freeman Watts, B.L., Physician, Millersburg, Iowa.

1891.

J. Anna Brabham, B.S., Teacher in High School, Cherokee, Iowa.
Newton Weldon Burtner, A.B., Pastor Salem U. B. Church, Baltimore, Maryland.
Nelson P. Cronk, B.S., Lumber and Coal Dealer, Montour, Iowa.
Howard H. Everett, B.S., Cashier of Bank, Traer, Iowa.
Jennie R. Fearer, B.S., Teacher, Oregon, Illinois.
William Potter Fearer, B.S., Lawyer, Oregon, Illinois.
William E. Fee, Ph.B., Law Student, Rochester, New York.
Elmer E. Fix, B.S., Pastor U. B. Church, Hood River, Oregon.
Fannie Heistand Fix, A.B., Hood River, Oregon.
Hiram O. Green, B.S., Physician, Spencer, Iowa.
William Otterbein Harper, A.B., Pastor U. B. Church, Hastings, Nebraska.
Lloyd Fisher Loos, Ph.B., Traveling Agent, Deering Harvester Company
Clark D. Spencer, B.L., Pastor U. B. Church, Gresham, Nebraska.

1892.

William B. Barnett, B.S., Collector, Los Angeles, California.
Charles W. Brewbaker, Ph.B., Pastor of U. B. Church, Canton, Ohio.
Isaac N. Cain, B.S. Deceased.
Annetta B. Dickman, B.S., Teacher, Westgate, Iowa.
Mrs. Mary Donaldson (Dennis), A.B., Physician, Los Angeles, California.
Addie Ingersoll (Humphrey), A.B., Lake City, Iowa.
Nellie Irons (Rose), A.B., Toledo, Iowa.
Richard P. Kepler, B.S., Lawyer, Gladbrook, Iowa.
M. H. Kepler, A.B., Lawyer, Northwood, Iowa.
Clara D. Mason (Scutt), B.S., Marion, New York.
Mary E. Mutch (Cain), B.S. Deceased.
Emma M. Maynard, B.S., Kewanee, Illinois.
Belle M. Schelling (Allen), B.S., Leaf River, Illinois.
Louise Shambaugh (Jones), B.S., Lincoln, Nebraska.

1893.

Simon P. Gary, Ph.B., Lawyer, 50 S. 59th St., Chicago.
Anna M. Hild (Franks), Ph.B., Traer, Iowa.
Howard M. Humphrey, B.S., Physician, Lake City, Iowa.
Ferdinand W. Jones, A.B., Pastor U. B. Church, Lincoln, Nebraska.
Amos S. Main, B.L., Physician, Loup City, Nebraska.
Ida Richards, Ph.B., Pastor U. B. Church, Cascade, Wisconsin.
Mary B. Spencer, A.B., Graceland, Minnesota.
Sidney A. Wheelwright, Ph.B., Washington, Iowa.

1894.

F. G. Beardsley, A.B., Pastor Congregational Church, Salem, Iowa.
U. S. Guyer, B.L., Superintendent of Schools, St. John, Kansas.
F. E. Kauffman, B.L., Physician, Lake City, Iowa.
Mark Masters, A.B., Pastor M. E. Church, State Center, Iowa.
J. H. McClain, Ph.B., Teacher, Conrad, Iowa.
R. L. Purdy, A.B., Pastor U. B. Church, Lake City, Iowa.
H. E. Slattery, B.L., Farmer, Stratford, Iowa.
Mrs. Lola B. Statton, A.B., Hagerstown, Maryland.

1895.

Frank E. Brooke, A.B., Pastor U. B. Church, Cedar Rapids, Iowa.
James Keel Coddington, B.S., Physician, Princeton, Illinois.
Samuel Erwin Long, A.B., Pastor U. B. Church, West Union, Iowa.
G. Ellis Porter, A.B., Pharmacist, Marshalltown, Iowa.
James C. Sanders, B.L., Principal of Schools, Rockford, Iowa.
Henry Eugene Slattery, A.B. (See class of '94.)

1896.

Alfred G. Bookwalter, A.B., Teacher, St. Paul's School, Concord, New Hampshire.

1897.

Milton M. Bomgardner, B.S., Medical Student, Rush Medical College, Chicago, Illinois.
Isaac N. Cain, A.B. (See Class of 1892.)
Mary Mutch (Cain), A.B. (See Class of 1892.)
Philo W. Drury, A.B, Theological Student, Union Biblical Seminary, Dayton, Ohio.
John E. Foster, A.B., Principal of Schools, Delta, Iowa.

George W. Porter, Ph.B., Farmer, Scottdale, Pennsylvania.
Herman A. Runkle, Ph.B., Medical Student, Rush Medical College, Chicago, Illinois.
Lucie Smith, Ph.B., Toledo, Iowa.
Bessie Schoolcraft (Ward), Ph.B., Missionary, Canton, China.
Edwin B. Ward, A.B., Missionary, Canton, China.

1898.

Ethel Bookwalter, Ph.B., Missionary Student, Union Biblical Seminary, Dayton, Ohio.
John W. Coddington, A.B., Farmer, Princeton, Illinois.
John N. Lichty, B.S., Assistant Cashier Toledo State Bank, Toledo, Iowa.
Charles F. Ward, A.B., Architect, Chicago, Illinois.
Louise J. Wolpert, A.B., Denver, Colorado.

1899.

Frank E. Field, A.B., Student, Yale University, New Haven, Connecticut.
Leon L. Hammitt, A.B., Theological Student, North Western University, Evanston, Illinois.
Grace Holstead, A.B., Student, Des Moines College, Des Moines, Iowa.
Charles E. Locke, Ph.B., Superintendent of Schools, Enid, Oklahoma.
Albert Mathern, A.B., Teacher, Garwin, Iowa.
Clarence B. Mericle, A.B., Teacher, Toledo, Iowa.

GRADUATES OF THE NORMAL DEPARTMENT.

DEGREE, BACHELOR OF DIDACTICS.

1890.

Simon P. Gary, Lawyer, South 59th Street, Chicago, Illinois.

1892.

Harriet Tyner, Teacher, Overbrook, Kansas.

1894.

J. F. Hulland.
L. E. Maker, Physician, Sac City, Iowa.

1895.

Charles F. Peterson, Scranton, Iowa.

1896.

Frank K. Long, Lawyer, Conrad, Iowa.

1898.

Frank E. Buck, Principal of Schools, Milton, Iowa.
Edward B. Berger, Teacher, Toledo, Iowa.
James W. Irons, Law Student, Des Moines, Iowa.
Clarence A. Jenks, Grain Dealer, Coon Rapids, Iowa.
Alvin L. Speaker, Salesman of School Supplies, Toledo, Iowa.
Blanche Williams, Music Student, Lisbon, Iowa.
Olive Williams, Lisbon, Iowa.

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